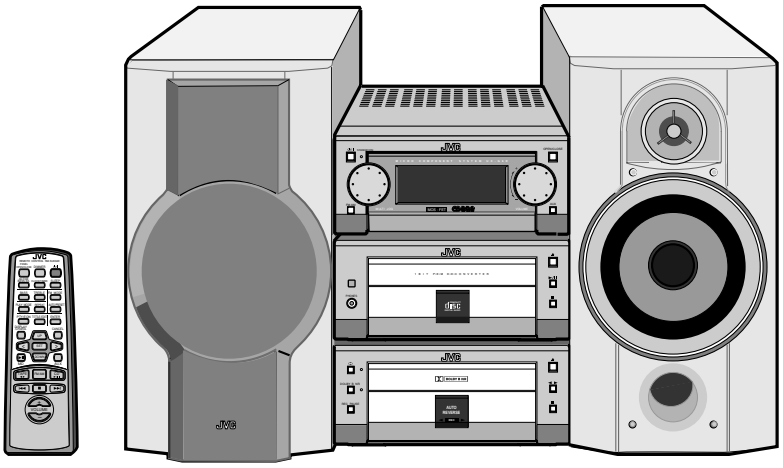
JVC

SERVICE MANUAL

MICRO COMPONENT SYSTEM

UX-G6/FS-G6



Area Suffix (UX-G6)
UB ..... Hong Kong
UP ..... Korea
U ..... Other Areas

Area Suffix (FS-G6)
J ..... U.S.A./ Canada

We will separately issue the parts list of J version.

COMPACT disc DIGITAL AUDIO

Unit composition

Contents	Model Name
STEREO AMPLIFIER	AX-UXG6
CD / TUNER	XT-UXG6
CASSETTE DECK	TD-UXG6
SPEAKER SYSTEM	SP-UXG6

< ATTENTION >

When this model is repaired, a part of unit of "UX-G6/FS-G6" is necessary.

(Please refer to page 1-5)

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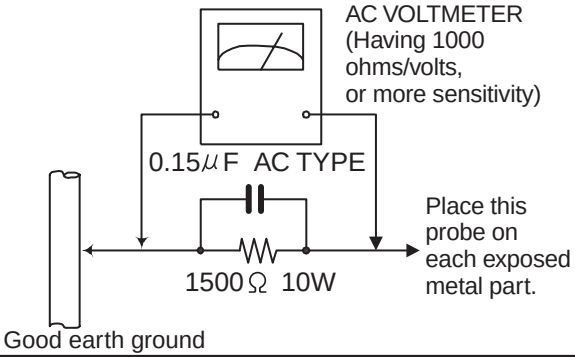
No.20808
Feb. 2000

Safety Precautions

1. This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturer`s warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
4. The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.
5. Leakage currnet check (Electrical shock hazard testing)
   After re-assembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.
   Do not use a line isolation transformer during this check.
   - Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet , particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.)
   - Alternate check method
     Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 ohms per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
     Measure the AC voltage across the resistor with the AC voltmeter.
     Move the resistor connection to eachexposed metal part, particularly any exposed metal part having a return path to the chassis, and meausre the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. voltage measured Any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



Warning

1. This equipment has been designed and manufactured to meet international safety standards.
2. It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
3. Repairs must be made in accordance with the relevant safety standards.
4. It is essential that safety critical components are replaced by approved parts.
5. If mains voltage selector is provided, check setting for local voltage.

⚠ ***CAUTION*** **Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of preforming repair of this system.**

Important for laser products

1.CLASS 1 LASER PRODUCT

2.DANGER : Invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.

3.CAUTION : There are no serviceable parts inside the Laser Unit. Do not disassemble the Laser Unit. Replace the complete Laser Unit if it malfunctions.

4.CAUTION : The compact disc player uses invisible laserradiation and is equipped with safety switches whichprevent emission of radiation when the drawer is open and the safety interlocks have failed or are de feated. It is dangerous to defeat the safety switches.

5.CAUTION : If safety switches malfunction, the laser is able to function.

6.CAUTION : Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

⚠ ***CAUTION*** **Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.**

VARNING : Osynlig laserstrålning är denna del är öppnad och spårren är urkopplad. Betrakta ej strålen.

VARO : Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle.Älä katso säteeseen.

ADVARSEL : Usynlig laserstråling ved åbning , når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

ADVARSEL : Usynlig laserstråling ved åpning,når sikkerhetsbryteren er avslott. unngå utsettelse for stråling.

REPRODUCTION AND POSITION OF LABELS

WARNING LABEL

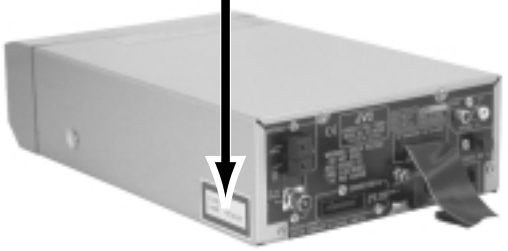
DANGER : Invisibie laser radiation when open and interlock or defeated.
AVOID DIRECT EXPOSURE TO BEAM (e)

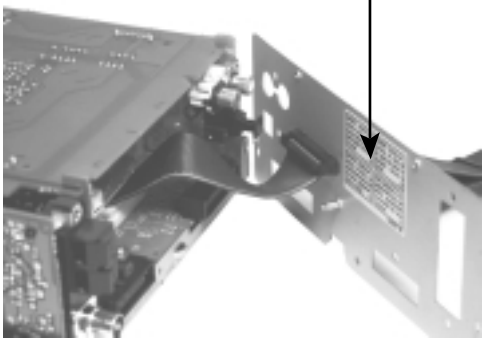
VARO : Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle.Älä katso säteeseen. (f)

VARNING : Osynlig laserstrålning är denna del är öppnad och spårren är urkopplad. Betrakta ej strålen. (s)

ADVARSEL :Usynlig laserstråling ved åbning , når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling. (d)

CLASS 1
LASER PRODUCT





Preventing static electricity

Electrostatic discharge (ESD), which occurs when static electricity stored in the body, fabric, etc. is discharged, can destroy the laser diode in the traverse unit (optical pickup). Take care to prevent this when performing repairs.

1.1. Grounding to prevent damage by static electricity

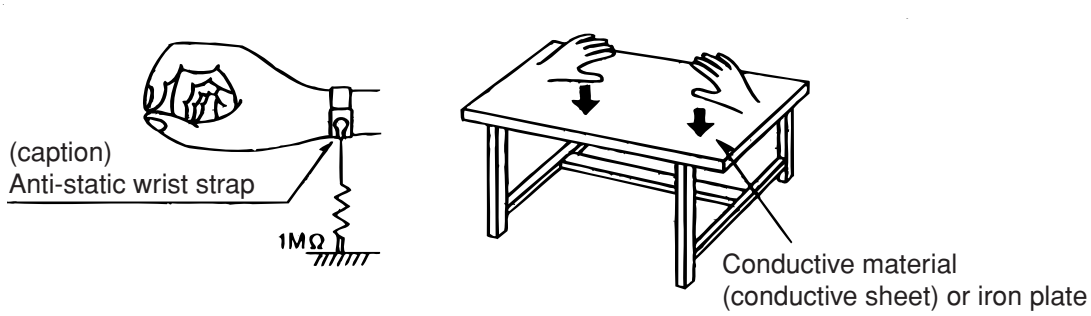
Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as DVD players. Be careful to use proper grounding in the area where repairs are being performed.

1.1.1. Ground the workbench

1. Ground the workbench by laying conductive material (such as a conductive sheet) or an iron plate over it before placing the traverse unit (optical pickup) on it.

1.1.2. Ground yourself

1. Use an anti-static wrist strap to release any static electricity built up in your body.



1.1.3. Handling the optical pickup

1. In order to maintain quality during transport and before installation, both sides of the laser diode on the replacement optical pickup are shorted. After replacement, return the shorted parts to their original condition. (Refer to the text.)

2. Do not use a tester to check the condition of the laser diode in the optical pickup. The tester's internal power source can easily destroy the laser diode.

1.2. Handling the traverse unit (optical pickup)

1. Do not subject the traverse unit (optical pickup) to strong shocks, as it is a sensitive, complex unit.

2. Cut off the shorted part of the flexible cable using nippers, etc. after replacing the optical pickup. For specific details, refer to the replacement procedure in the text. Remove the anti-static pin when replacing the traverse unit. Be careful not to take too long a time when attaching it to the connector.

3. Handle the flexible cable carefully as it may break when subjected to strong force.

4. It is not possible to adjust the semi-fixed resistor that adjusts the laser power. Do not turn it

Attention at repair reception

< ATTENTION >

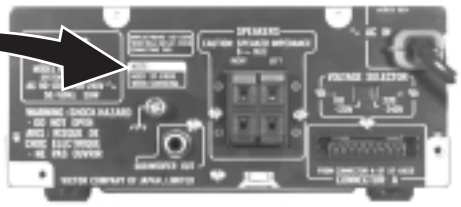
When this model is repaired, a part of unit of "UX-G6/FS-G6" is necessary.
A necessary unit is described to rear panel.
Please keep the unit from the customer together when you repair this model.

Unit necessary for repair

XT-UXG6

NOTE:
NEED & XT-UXG6
WHEN SERVICING

AX-UXG6



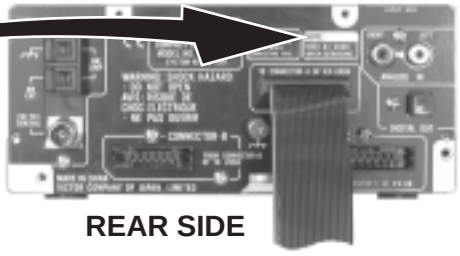
REAR SIDE

Unit necessary for repair

AX-UXG6

NOTE:
NEED AX-UXG6
WHEN SERVICING

XT-UXG6



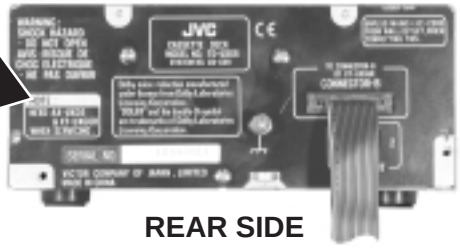
REAR SIDE

Unit necessary for repair

AX-UXG6
XT-UXG6

NOTE:
NEED AX-UXG6
& XT-UXG6
WHEN SERVICING

TD-UXG6



REAR SIDE

AX-UXG6

Disassembly method (AX-UXG6)

■Removing the top cover (See Fig.1)

1. Remove the two screws A and the four screws B attaching the top cover.

2. Remove the top cover from behind in the direction of the arrow while pulling the sides outward.

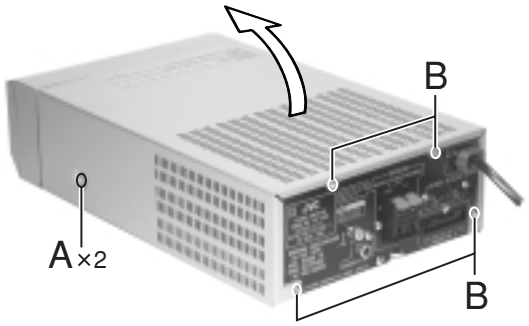


Fig. 1

■Removing the front panel assembly

(See Fig.2 to 5)

1. Pull out the lower part of the front panel assembly manually as shown in Fig.2 and 3.

2. Remove the two screws C with collars attaching the front panel assembly.

3. Remove the front panel assembly downward along the front sub panel rails as shown in Fig.4 and 5.
   ATTENTION: Do not lose the two collars of the part a when removing the front panel assembly.

4. Disconnect the card wire extending from the upper part of the front panel assembly.
   (When reattaching the front panel assembly, fit the parts "a" on both sides of the front panel assembly to the grooves of the front sub panel rails and move the assembly upward along the rails.)

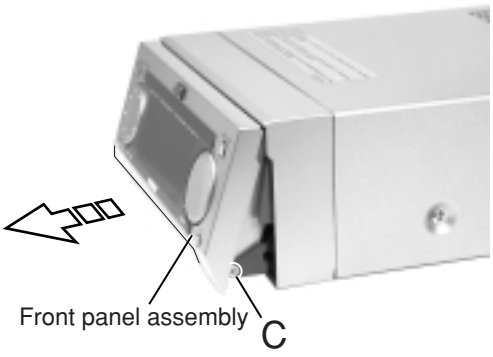


Fig. 2

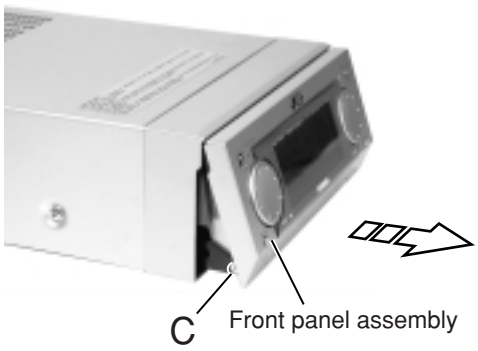


Fig. 3

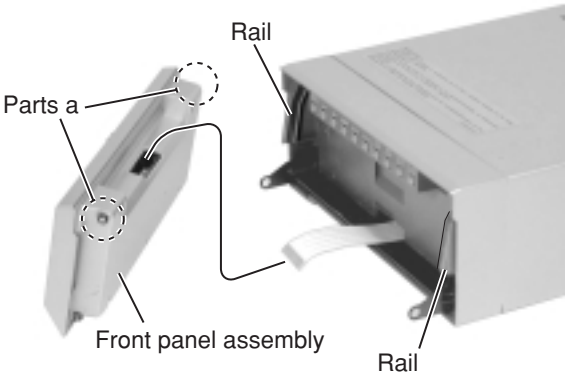


Fig. 5

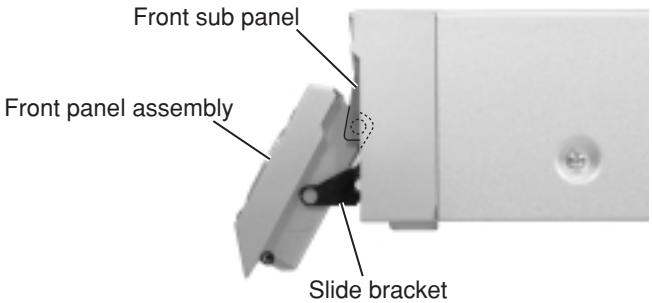


Fig. 4

■Removing the front sub panel assembly

(See Fig.6 to 8)

- Prior to performing the following procedure, remove the top cover and the front panel assembly.

1. Disconnect the card wire from connector CN704 on the back of the front sub panel assembly.
2. Remove the two screws D on the bottom of the body.
3. Release the joint "b" on the bottom and the two joints "c" on both sides of the body, and remove the front sub panel assembly toward the front.

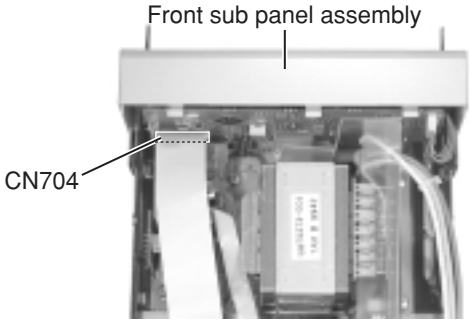


Fig. 6

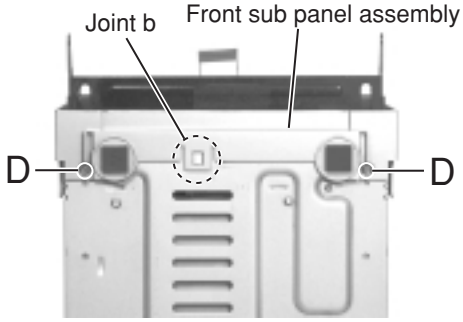


Fig. 7

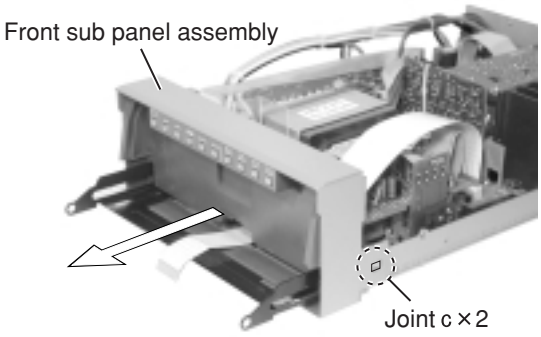


Fig. 8

■Removing the rear panel and the voltage selector (See Fig.9)

- Prior to performing the following procedure, remove the top cover.

1. Remove the cord stopper on the rear panel while moving it in the direction of the arrow.
2. Remove the two screws E attaching the voltage selector on the rear panel.
   (The voltage selector can be removed without removing the rear panel.)
3. Remove the five screws F attaching the rear panel and release the two joints "d" on both sides while moving the rear panel upward.

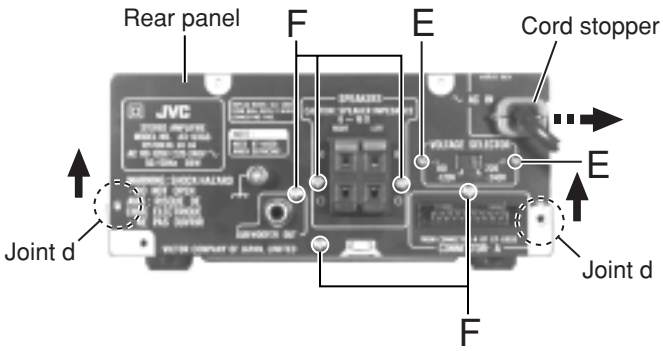


Fig. 9

■Removing the regulator board

(See Fig.10)

- Prior to performing the following procedure, remove the top cover.

1. Disconnect the card wire from connector CN908 on the main board.
2. Disconnect the harness from connector CN906 on the main board.
3. Remove the two screws G attaching the regulator board.

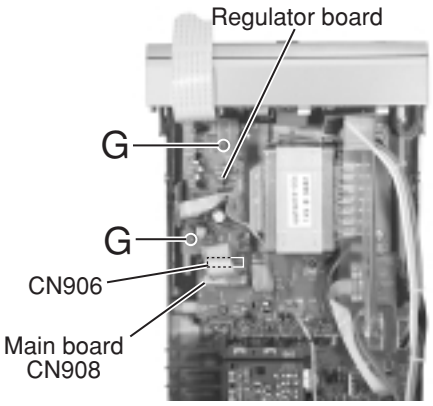


Fig. 10

■Removing the transformer assembly

(See Fig.11)

- Prior to performing the following procedure, remove the top cover.

1. Disconnect the harness from connector CN904, CN905 and CN903 on the main board.
2. Remove the four screws H attaching the transformer assembly.
3. Remove the cord stopper and the voltage selector as shown in Fig.9.

   (If necessary, unsolder the soldered point and cut off the belt fixing the harness.)

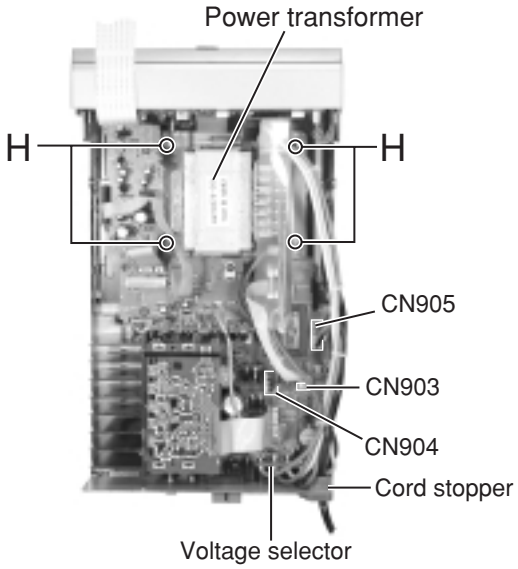


Fig. 11

■Removing the main board and the heat sink

(See Fig.11 to 18)

- Prior to performing the following procedure, remove the top cover and the rear cover.

1. Disconnect the harness or card wire from connector CN903, CN904, CN905, CN906, CN907 and CN908 on the main board.

2. Remove the two screws I attaching the main board and the screw J attaching the heat sink.

3. Remove the screw K attaching the heat sink on the bottom of the body.

   The main board will come off along with the heat sink.

   ATTENTION: When reattaching, make sure that the part "f" micro-switch on the main board is correctly attached to the elbowed slide bracket.

(When removing the heat sink.)

4. Disconnect the harness from connector CN910 on the main board.

5. Remove the screw L and the four screws M attaching the heat sink on the main board.

6. Remove the seven screws N attaching the amplifier board.

(When removing the sub board from the main board.)

7. Disconnect the harness fixed to the part "e" on the main board.

   Disconnect the sub board from connector CN911 on the main board.

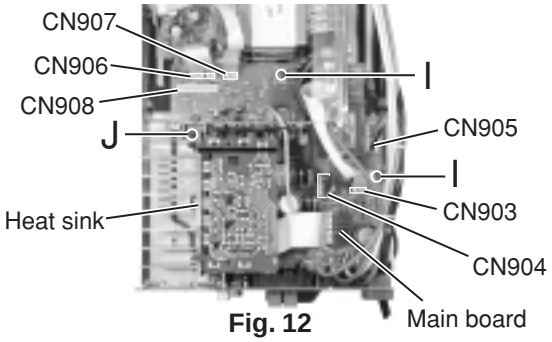


Fig. 12

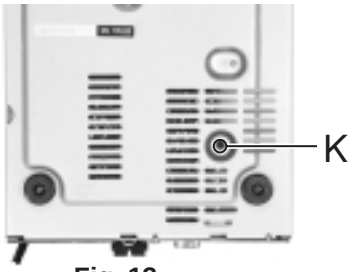


Fig. 13

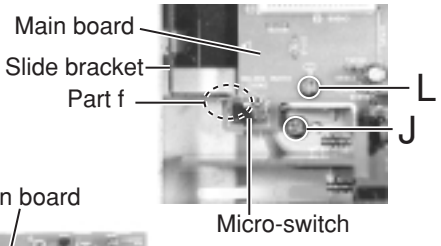


Fig. 14

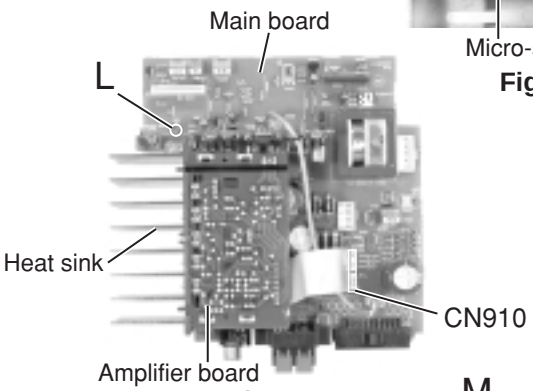


Fig. 15

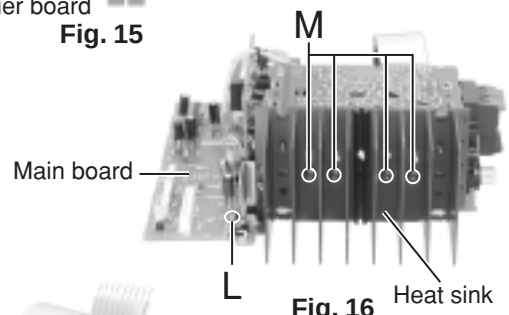


Fig. 16

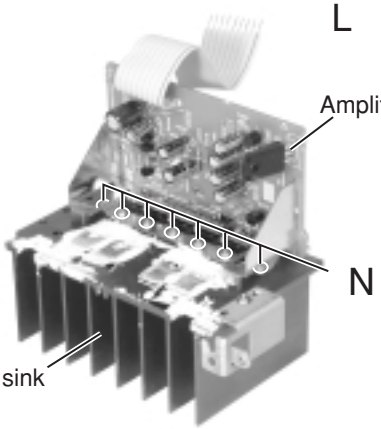


Fig. 17

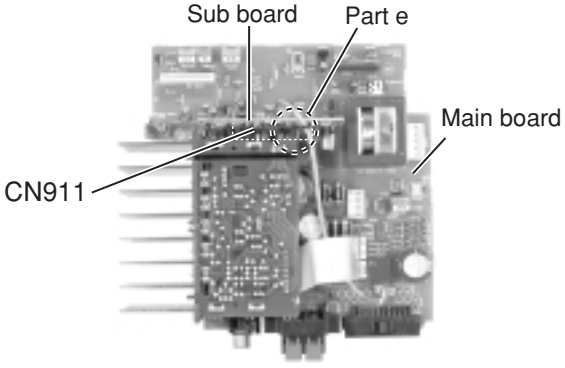


Fig. 18

■Removing the slide gear motor assembly

(See Fig.19 to 21)

- Prior to performing the following procedure, remove the top cover and the regulator board .

1. Disconnect the harness from connector CN907 on the main board.
2. Remove the two screws O attaching the slide gear motor assembly.
3. Remove the belt from the motor pulley.
4. Remove the two screws P and the screw Q attaching the motor assembly.

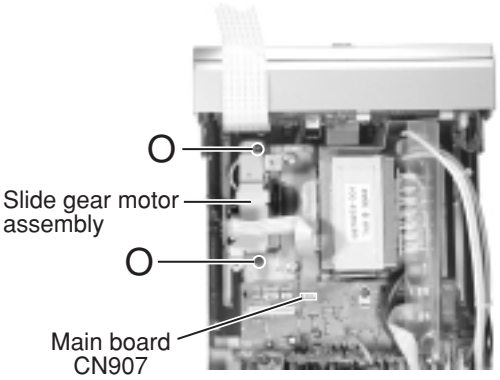


Fig. 19

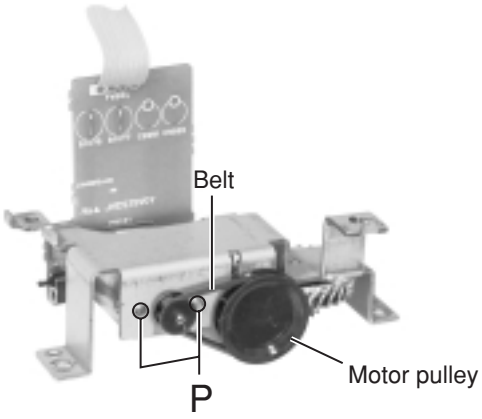


Fig. 20

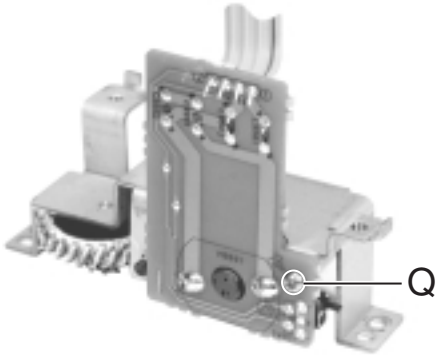


Fig. 21

<Front panel assembly>

■Removing the front board.

(See Fig.22 to 24)

- Prior to performing the following procedure, remove the top cover

and the front panel assembly.

1. Remove the seven screws R attaching the front panel cover on the back of the front panel assembly.

2. Remove the four screws S attaching the front board.

3. The multi-jog dial and the volume dial on the front panel assembly also comes off when removing the front board.

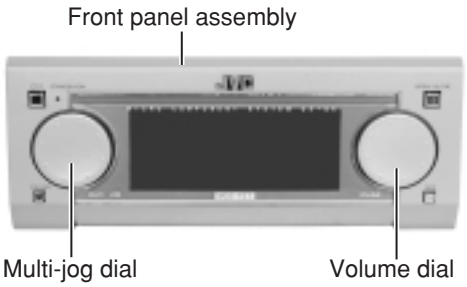


Fig. 22

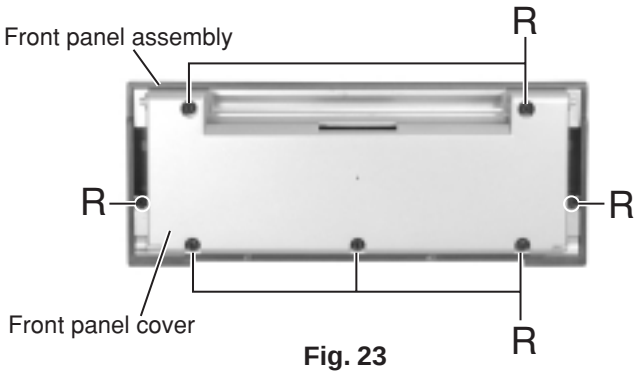


Fig. 23

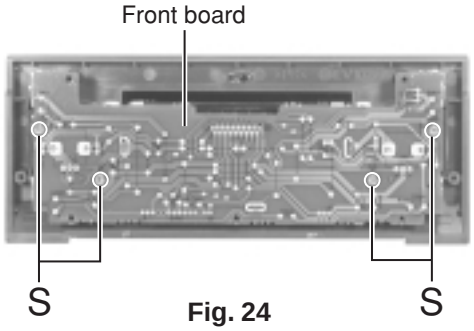


Fig. 24

<Front sub panel assembly>

■Removing the system control board/ operation switch board

(See Fig.25 and 26)

- Prior to performing the following procedure, remove the top cover, the front panel assembly and the front sub panel assembly.

1. Disconnect the harness from connector CN710 on the system control board.

2. Remove the five screws T attaching the system control board.

3. Remove the four screws U attaching the operation switch board.

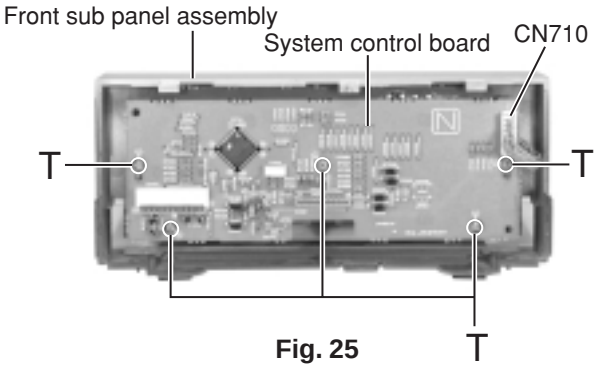


Fig. 25

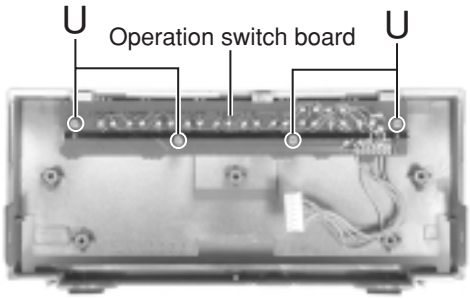
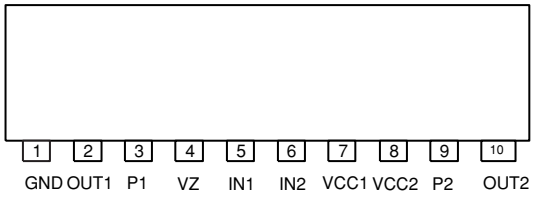


Fig. 26

Description of major ICs

■LB1641 (IC901) : DC Motor driver

1. Pin Layout

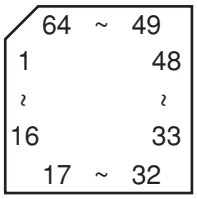


2. Pin Functions

Input		Output		Mode
IN1	IN2	OUT1	OUT2	
0	0	0	0	Brake
1	0	1	0	CLOCKWISE
0	1	0	1	COUNTER-CLOCKWISE
1	1	0	0	Brake

■UPD780023 (IC701) : System control

1.Pin layout



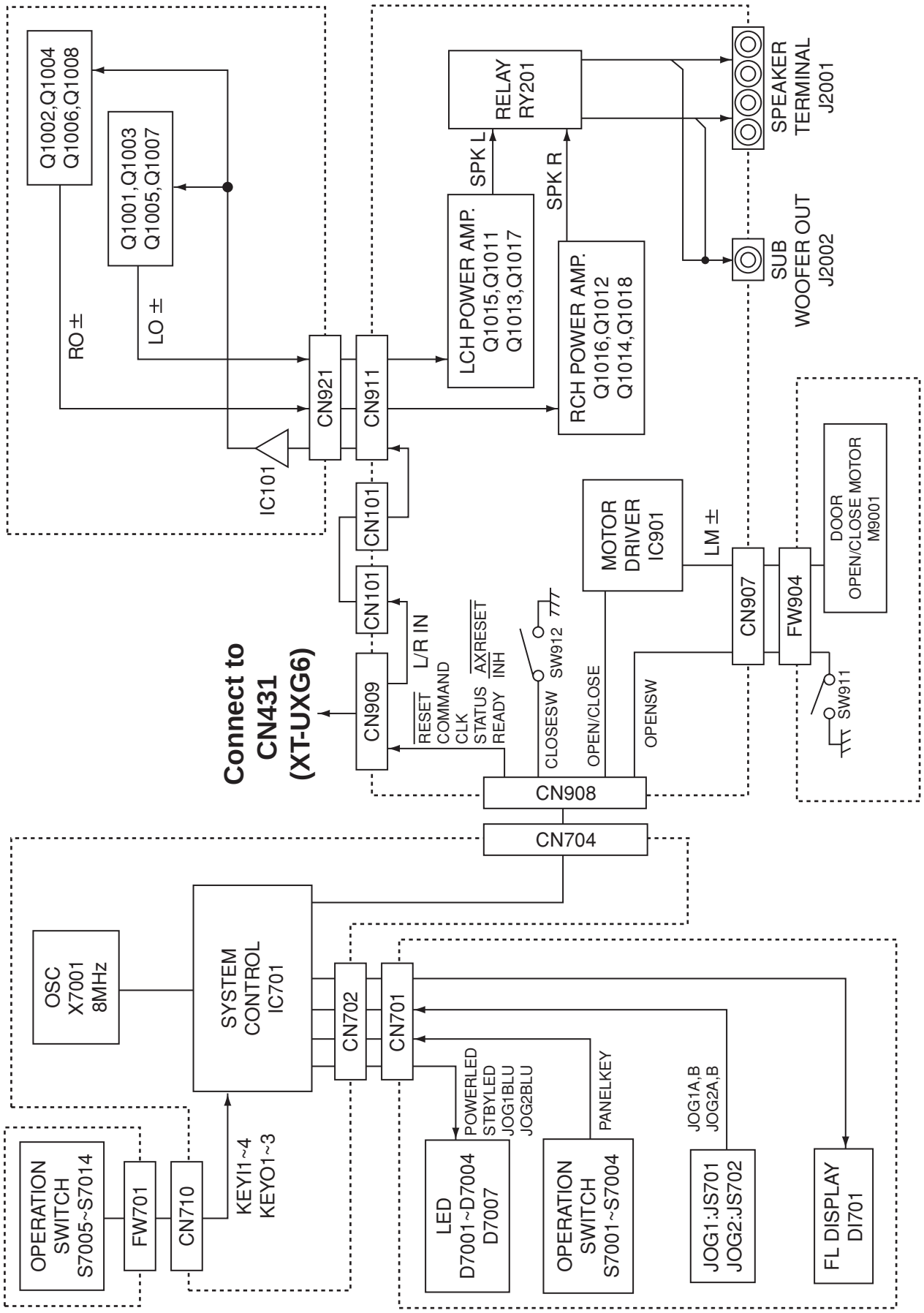
2.Key matrix

	KEYO1	KEYO2	KEYO3
KEYI1	◀◀	CLOCK/TIMER	TITLE/EDIT
KEYI2	▶▶	SET	DISPLAY/CHARA.
KEYI3	PLAYMODE	CANCEL	ENTER
KEYI4	RECMODE	———	———

3.Pin function

Pin No.	Symbol	I/O	Function
1,2	JOG1A,B	I	Rotary encoder input from JOG1(JS701)
3,4	JOG2A,B	I	Rotary encoder input from JOG2(JS702)
5	CLOSE	O	Front panel close control signal output to IC901
6	OPEN	O	Front panel open control signal output to IC901
7	CLOSESW	I	Front panel close switch detection terminal from SW912
8	OPENSW	I	Front panel open switch detection terminal from SW911
9	VSS0	-	Connect to GND
10	VDD0	-	Power supply
11		-	Non connect
12	FLOFF	O	FL OFF output (At Eco mode)
13	FLBK	O	FL driver I/F (valiable by dimmer)
14	FLLAT	O	FL driver I/F (latch)
15		-	Non connect
16	FLSOUT	O	FL driver I/F
17	FLSLK	O	FL driver I/F
18	COMMAND	I	System micom I/F to XT-UXG6
19	STATUS	O	Status signal output (System micom I/F to XT-UXG6)
20	CLK	I	Clock signal input (System micom I/F to XT-UXG6)
21	READY	I	Ready input (System micom I/F to XT-UXG6)
22	P.ON	O	Power ON control output H:Power ON
23	SMUTE	O	System mute
24	VDD1	-	Power supply
25	AVSS	-	Connect to GND
26	PRT	I	Speaker protector
27	DLOCK	I	Panel lock : 95h~00h(200ms)
28~32		-	Connect to GND
33	PANELKEY	I	Key input (S7001~S7004)
34	AVREF	-	Power supply +5V (Standard AD)
35	AVDD	-	Power supply +5V (Connect to Vdd)
36	RESET	I	Reset input
37	XT2	-	Non connect
38	XT1	-	Connect to GND
39	VPP	-	Connect to GND
40,41	X2,X1	I/O	Oscllation terminal (8MHz)
42	VSS1	-	Connect to GND
43~46	KEYI1~4	I	Key matrix input terminal
47~49	KEYO0~3	O	Key matrix output terminal
50~59		-	Connect to GND
60	POWERLED	O	Power ON LED control terminal H:Lighting
61	STBYLED	O	Power OFF LED control terminal H:Lighting
62	LEDDIM	O	LED dimmer control L:It is dark.
63	JOG1BLU	O	LED control for JOG1(JS701) Lighting when power ON, Blinking when operating
64	JOG2BLU	O	LED control for JOG2(JS702) Lighting when power ON, Blinking when operating

Block diagram (AX-UXG6)



XT-UXG6

Disassembly method (XT-UXG6)

■Removing the top cover (See Fig.1)

1. Remove the two screws A and the four screws B attaching the top cover. Remove the top cover in the direction of the arrow while pulling it.

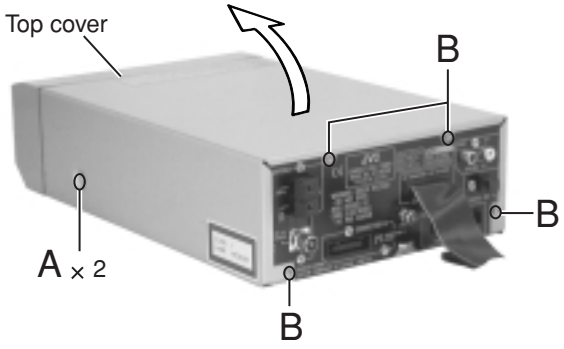


Fig. 1

■Removing the front panel assembly

(See Fig.2 to 4)

- Prior to performing the following procedure, remove the top cover.

1. Cut the tie band fixing the harness on the side of the body. Remove the screw C and the harness on the side of the analog in/digital out board. Disconnect the harness from connector CN451.

2. Disconnect the harness from connector CN501 on the system control board.

3. Remove the three screws D on the bottom of the body.

4. Release the joint "a" on the bottom and the joints "b" on both sides of the body respectively.

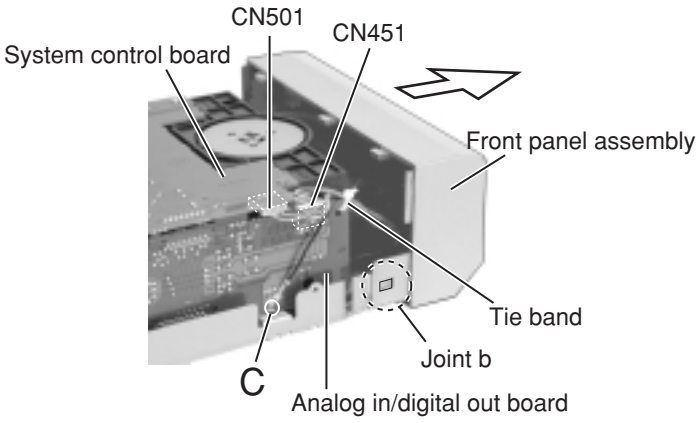


Fig. 2

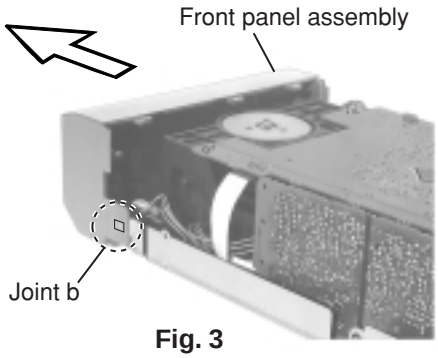


Fig. 3

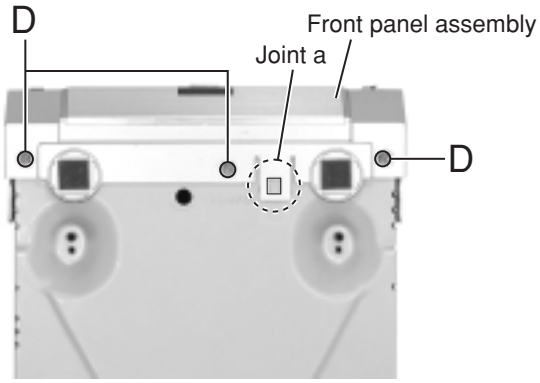


Fig. 4

■Removing the front panel assembly

(See Fig.5 and 6)

- Prior to performing the following procedure, remove the top cover.

1. Remove the seven screws E attaching the rear panel on the back of the body and release the two joints "c" on both sides while moving the rear panel upward.

2. Disconnect the harness from connector CN431 on the main & CD servo board.
   (When disconnecting the harness from the rear panel, unhook the upper and lower four hooks of the wire stopper on the back of the rear panel and pull out the harness outward.)

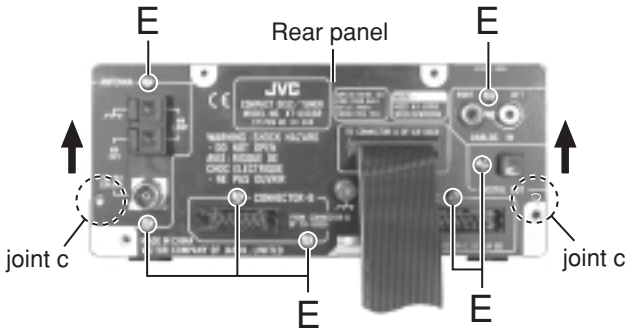


Fig. 5

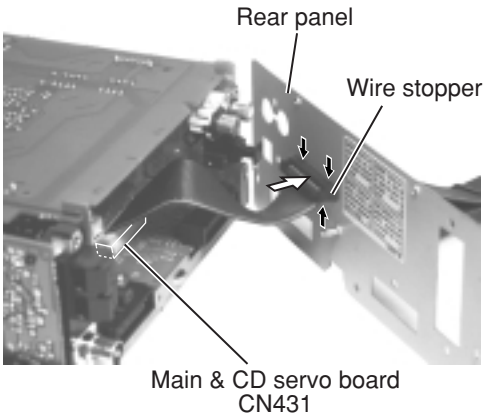


Fig. 6

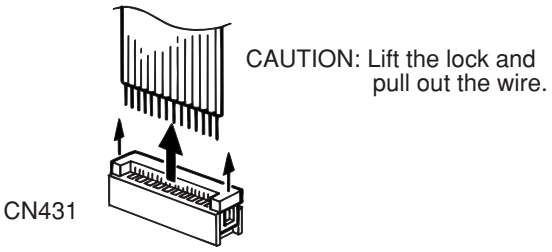


Fig.6-1

■Removing the system control board

(See Fig.7)

- Prior to performing the following procedure, remove the top cover and the rear panel.

1. Disconnect the harness from connector CN501 and CN506 on the system control board respectively.

2. Remove the two screws F attaching the system control board.

3. Disconnect connector CN502, CN503, CN504 and CN507 on the system control board while pulling out them.

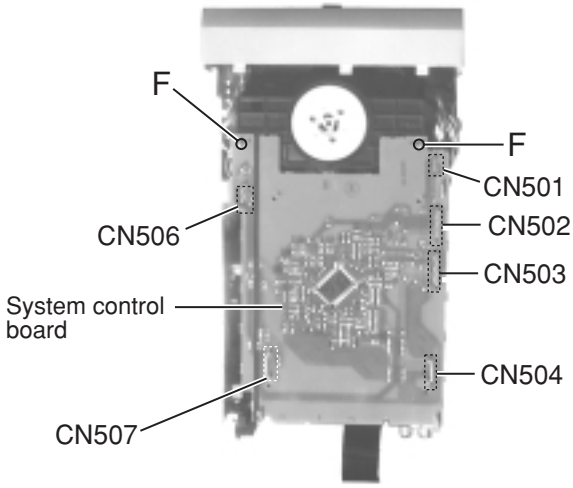


Fig. 7

■Removing the analog in/digital out board and the relay board (See Fig.8 to 10)

- Prior to performing the following procedure, remove the top cover, the rear panel and the system control board.

1. Cut the tie band fixing the harness on the side of the body. Disconnect the harness from connector CN451 on the analog in/digital out board and remove the screw G attaching the analog in/digital out board.

2. Disconnect connector CN455, CN456 and CN457 on the analog in/digital out board from the connector on the main & CD servo board.

3. Disconnect connector CN443 on the relay board from the connector on the main & CD servo board.

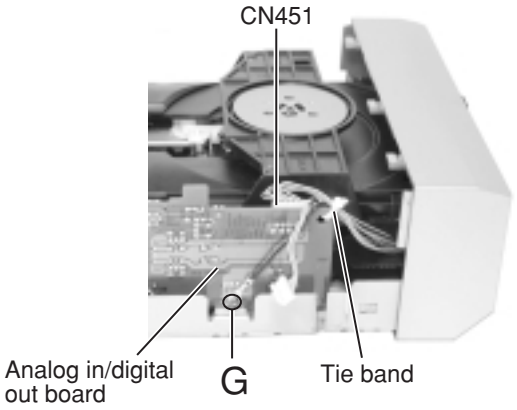


Fig. 8

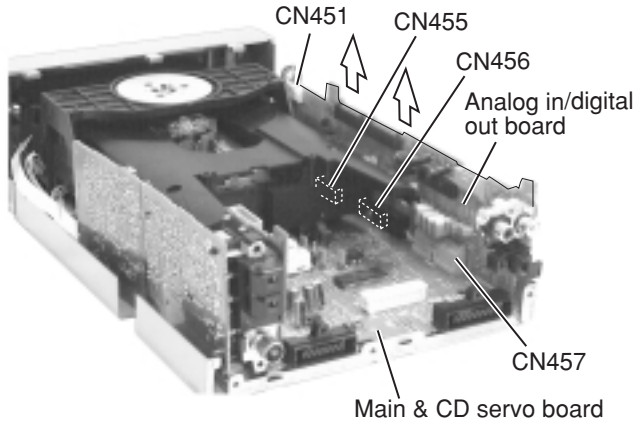


Fig. 9

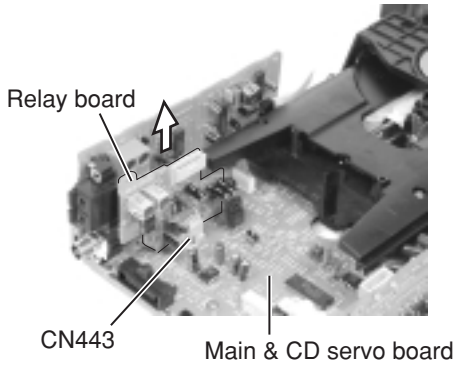


Fig. 10

■Removing the tuner board (See Fig.11)

- Prior to performing the following procedure, remove the top cover and the rear panel.

1. Disconnect CN506 on the system control board.

2. Remove the screw H attaching the tuner board.

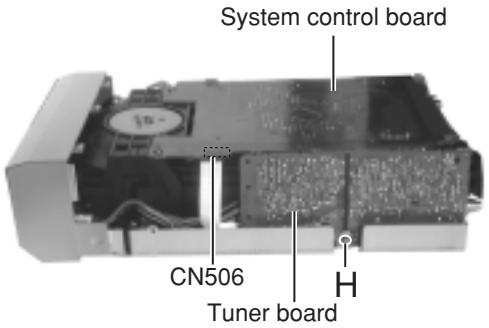


Fig. 11

■Removing the CD mechanism assembly main & CD servo board (See Fig.12 to 14)

- Prior to performing the following procedure, remove the top cover, the front panel assembly, the rear panel, the system control board and the analog in/digital out board.

1. Remove the three screws I attaching the CD mechanism assembly and the screw J attaching the main & CD servo board.(The CD mechanism assembly will be detached together with the main & CD servo board.)

2. Remove the three screws K attaching the main & CD servo board.

3. Disconnect the harness from connector CN440 and CN438 on the main & CD servo board on the back of the CD mechanism assembly.

4. Remove the card wire from connector CN439 on the main & CD servo board.

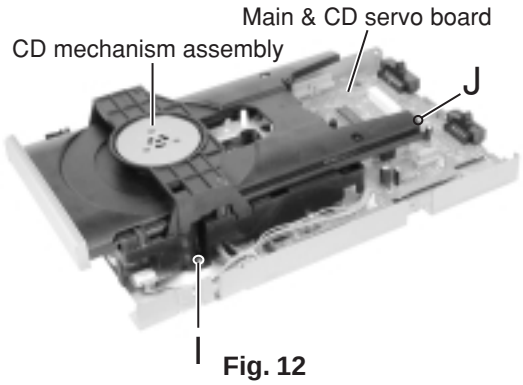


Fig. 12

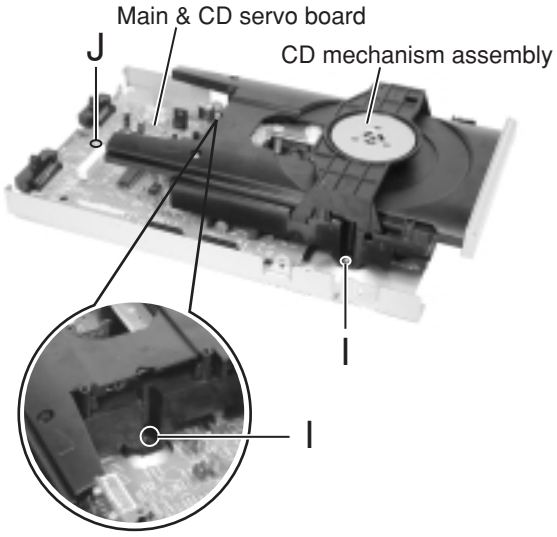


Fig. 13

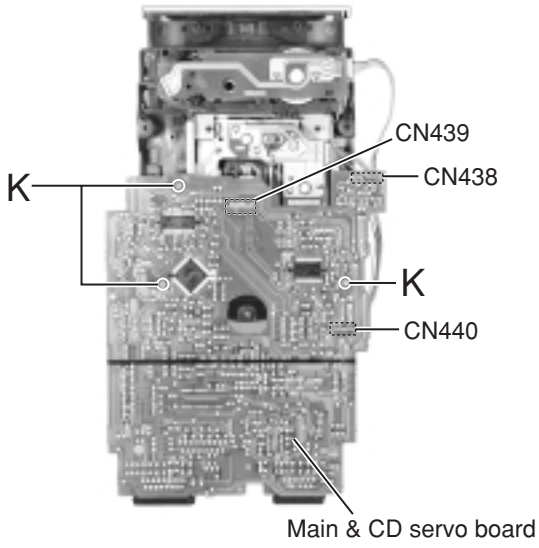


Fig. 14

■Removing the front board (See Fig.15)

- Prior to performing the following procedure, remove the top cover and the front panel assembly.

1. Remove the seven screws L attaching the front board in the front panel assembly.

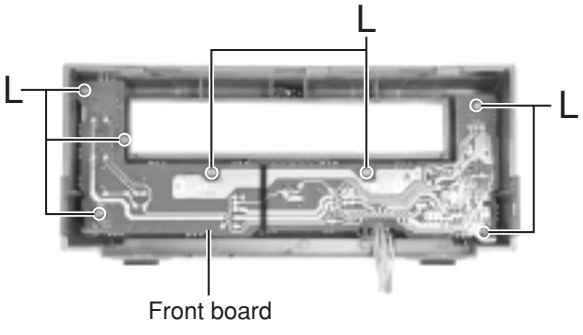


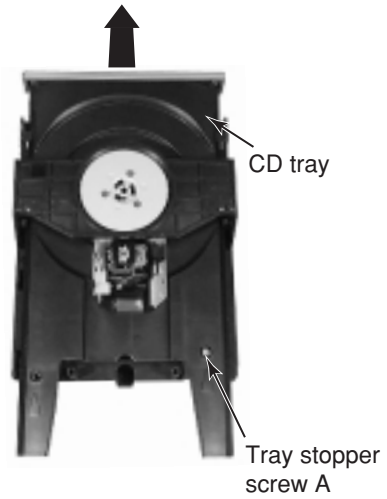
Fig. 15

<< CD Mechanism section >>

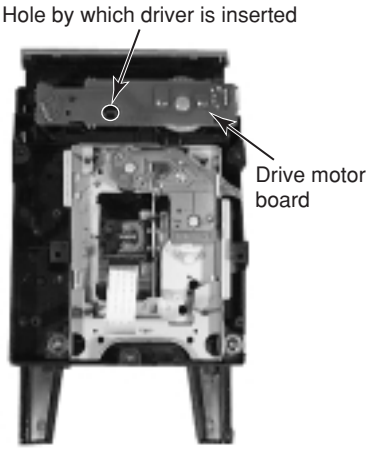
■Removing the traverse mechanism

1. Remove the tray stopper screw "A" on the CD tray

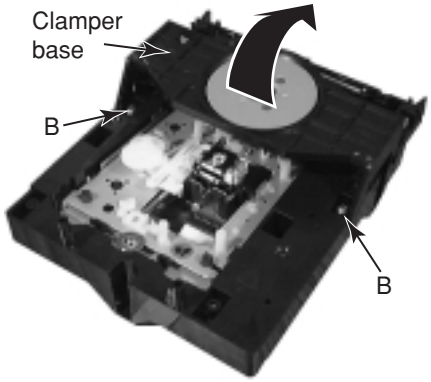
2. The CD tray is drawn out in the direction of the arrow.



* When the mechanism is locked to the CD tray, the lockof the CD tray comes off when the driver etc. are inserted in the hole in the bottom of the mechanism, and turns counterclockwise and the CD tray is drawn out.

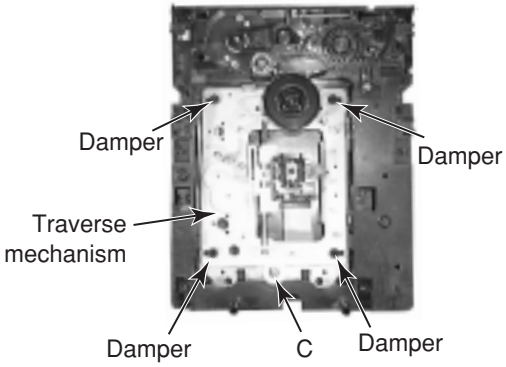


3. Two screws "B" which is the fixation of clamper base is removed, clamper base is lifted, and removes.



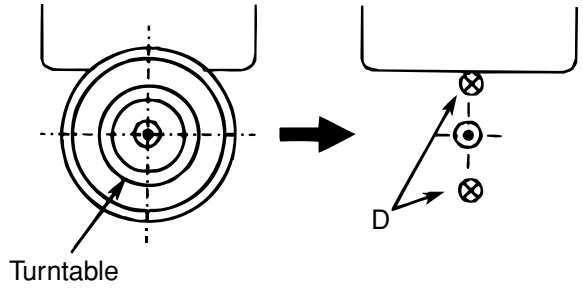
4. One the screw "C" which suppresses the traverse mechanism is removed.

5. The damper in four places is removed.



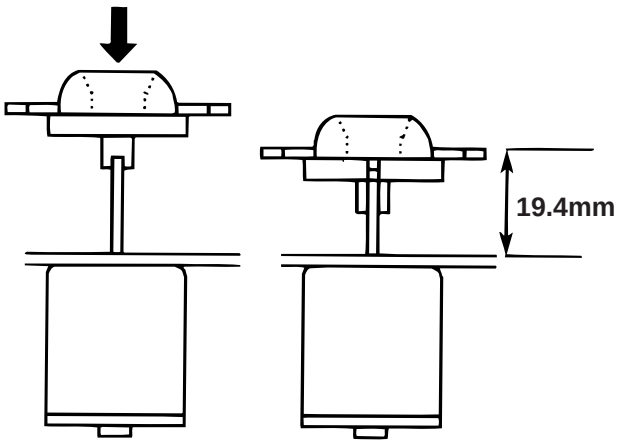
■Removing the spindle motor

1. Remove the traverse mechanism
2. The turntable is removed from the spindle motor, and remove two screws D which is the fixation of the spindle motor.
3. Remove the screw which is the fixation of the spindle motor and the feed motor, and solder on the substrate is removed.



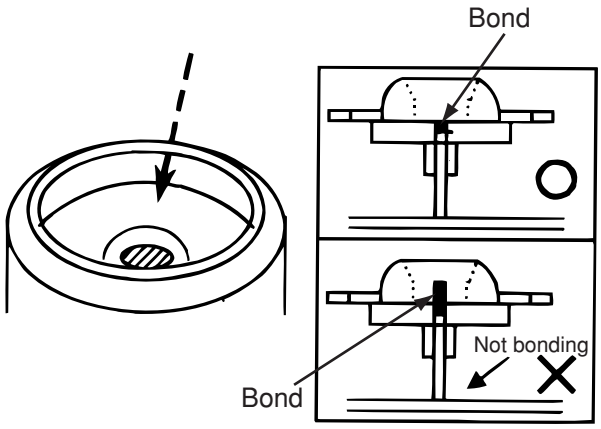
■How to install spindle motor

1. The shaft of the spindle motor is passed from the lower side of the mechanism base.
2. Two screws are installed in the spindle motor by same strength.
3. The motor substrate is fixed with the screw, and the substrate is soldered with each motor.
4. The turntable is installed.
5. When the turntable is installed, the center of the turntable is vertically pushed on, and an accurate turntable is pushed so that height from the mechanism base to the upper surface of the turntable may become 19.4mm.

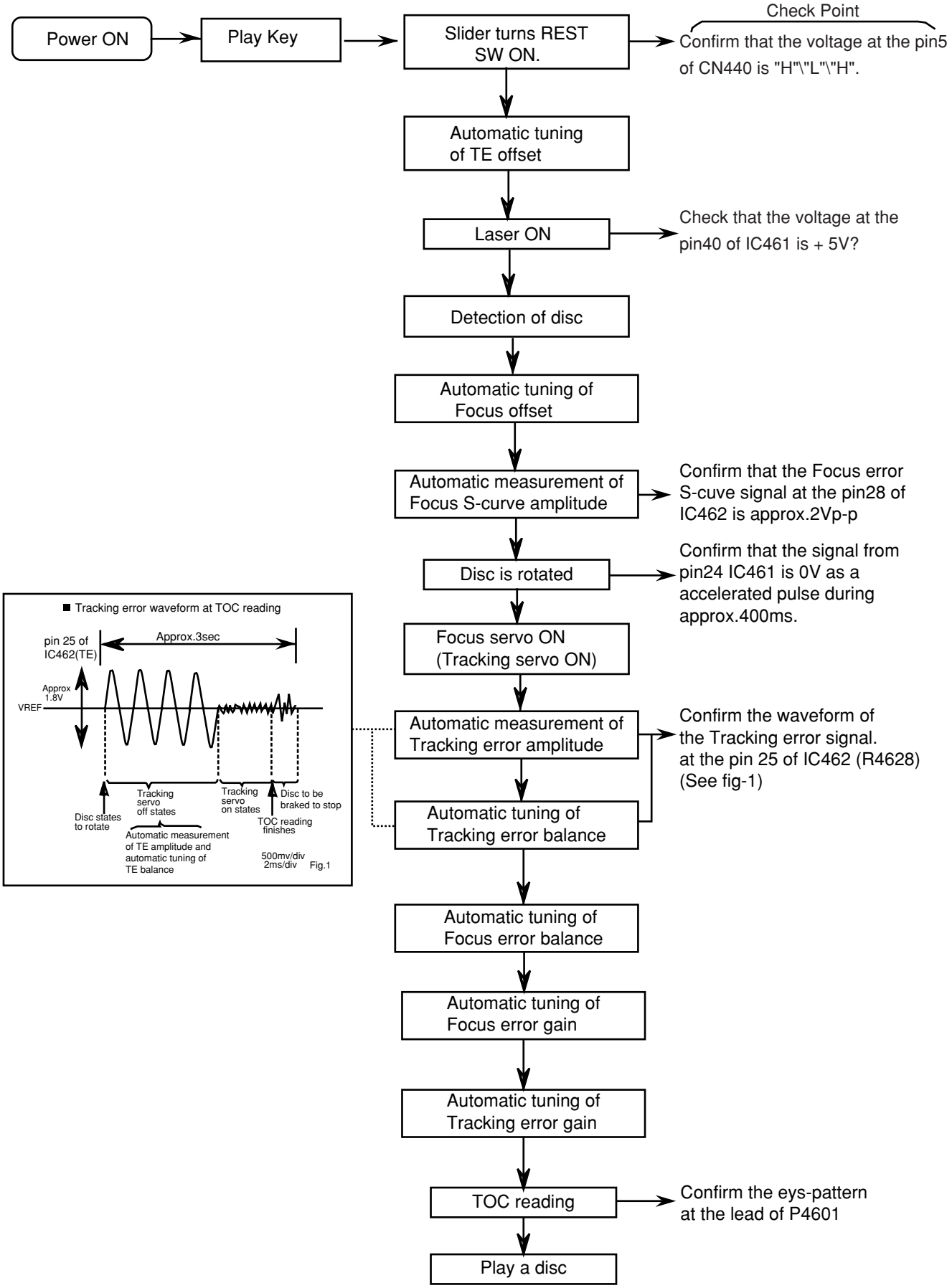


■Method of bonding motor shaft and turn-table

1. The adhesive uses locktite No,460.
2. Be careful please not to rise on the turntable by using an ultra small amount about the adhesive as shown in figure.
3. Moreover, the adhesive must never be put on the axis(arrow part) of the motor.



Flow of functional operation until TOC read

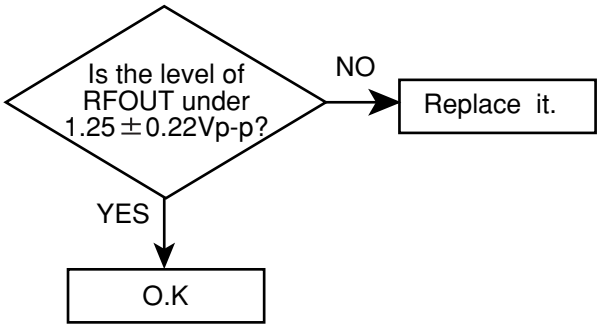

Power ON
Play Key
Slider turns REST SW ON.
Check Point
Confirm that the voltage at the pin5 of CN440 is "H"\"L"\"H".
Automatic tuning of TE offset
Laser ON
Check that the voltage at the pin40 of IC461 is + 5V?
Detection of disc
Automatic tuning of Focus offset
Automatic measurement of Focus S-curve amplitude
Confirm that the Focus error S-cuve signal at the pin28 of IC462 is approx.2Vp-p
Disc is rotated
Confirm that the signal from pin24 IC461 is 0V as a accelerated pulse during approx.400ms.
Focus servo ON (Tracking servo ON)
Automatic measurement of Tracking error amplitude
Confirm the waveform of the Tracking error signal. at the pin 25 of IC462 (R4628) (See fig-1)
Automatic tuning of Tracking error balance
Automatic tuning of Focus error balance
Automatic tuning of Focus error gain
Automatic tuning of Tracking error gain
TOC reading
Confirm the eys-pattern at the lead of P4601
Play a disc
■ Tracking error waveform at TOC reading
pin 25 of IC462(TE)
Approx.3sec
Approx 1.8V
VREF
Disc states to rotate
Tracking servo off states
Tracking servo on states
Disc to be braked to stop
TOC reading finishes
Automatic measurement of TE amplitude and automatic tuning of TE balance
500mv/div
2ms/div
Fig.1

Maintenance of laser pickup

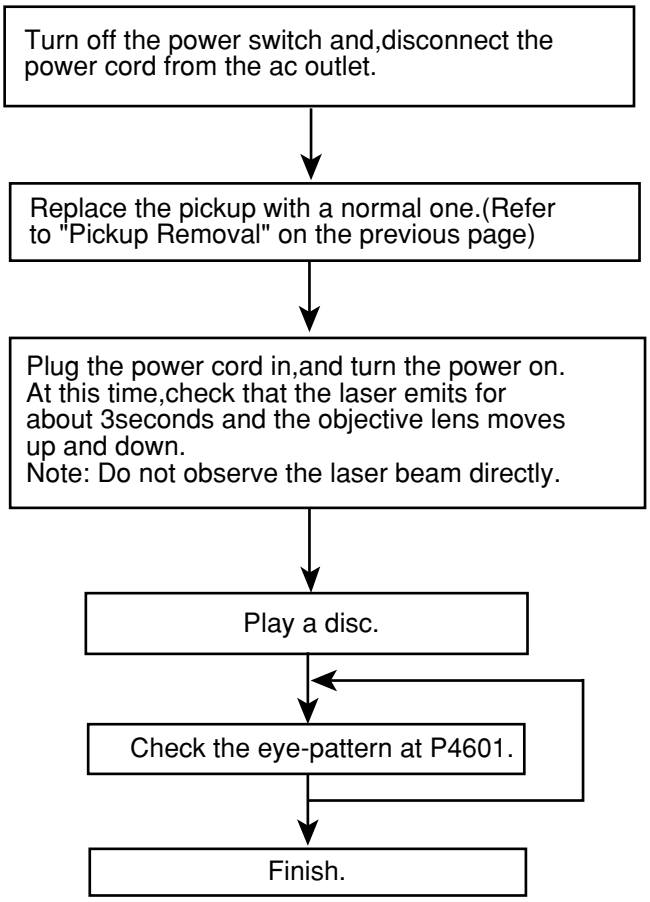
(1) Cleaning the pick up lens
Before you replace the pick up, please try to clean the lens with a alcohol soaked cotton swab.

(2) Life of the laser diode
When the life of the laser diode has expired, the following symptoms will appear.

1. The level of RF output (EFM output:amplitude of eye pattern) will below.



Replacement of laser pickup

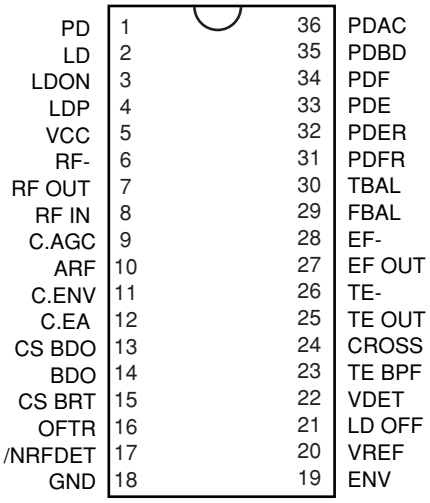

Turn off the power switch and,disconnect the power cord from the ac outlet.
Replace the pickup with a normal one.(Refer to "Pickup Removal" on the previous page)
Plug the power cord in,and turn the power on. At this time,check that the laser emits for about 3seconds and the objective lens moves up and down.
Note: Do not observe the laser beam directly.
Play a disc.
Check the eye-pattern at P4601.
Finish.

(3) Semi-fixed resistor on the APC PC board The semi-fixed resistor on the APC printed circuit board which is attached to the pickup is used to adjust the laser power.Since this adjustment should be performed to match the characteristics of the whole optical block, do not touch the semi-fixed resistor.
If the laser power is lower than the specified value,the laser diode is almost worn out, and the laser pickup should be replaced.
If the semi-fixed resistor is adjusted while the pickup is functioning normally,the laser pickup may be damaged due to excessive current.

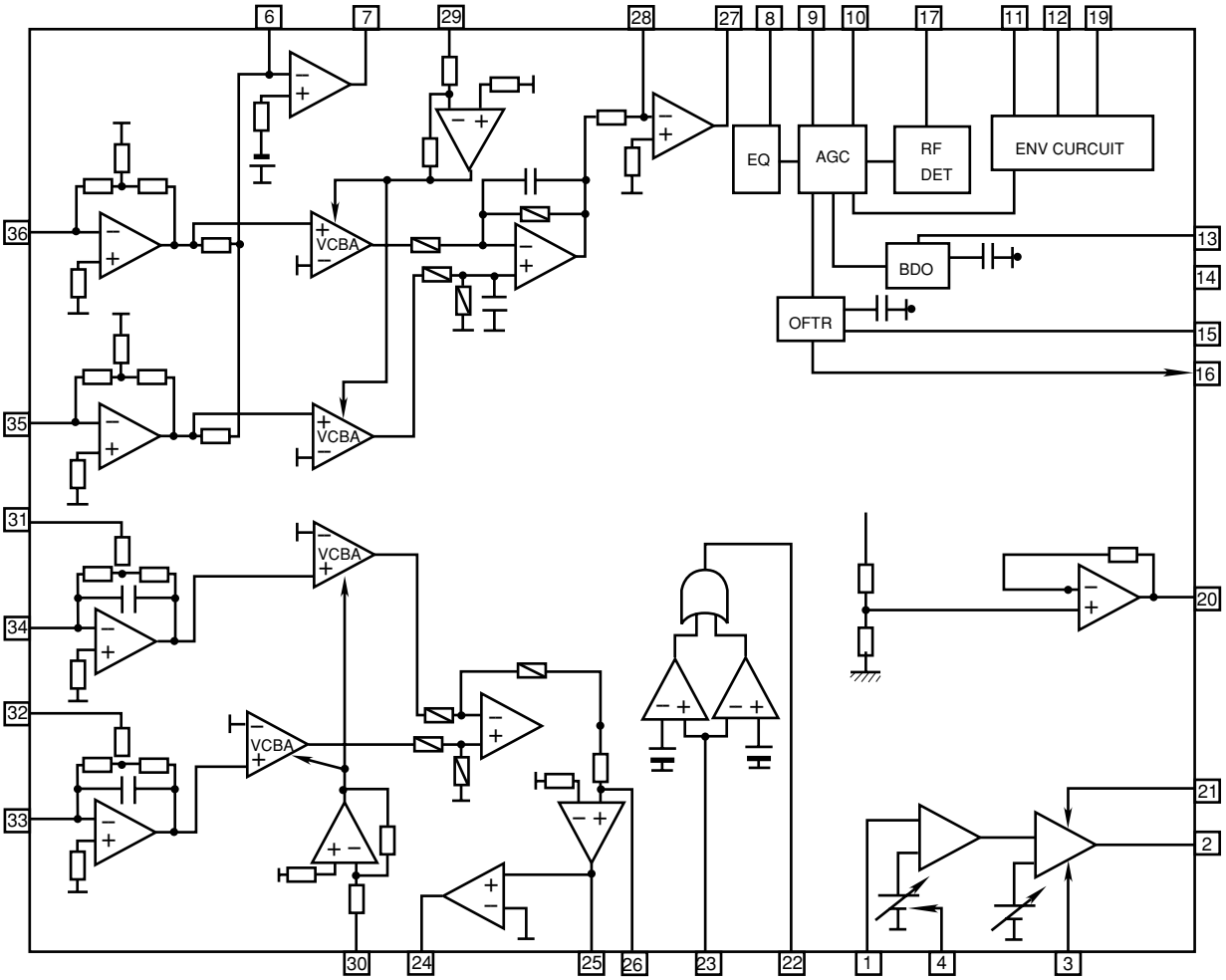
Description of major ICs

■AN8806S (IC462) : RF & Servo AMP

1.Pin layout



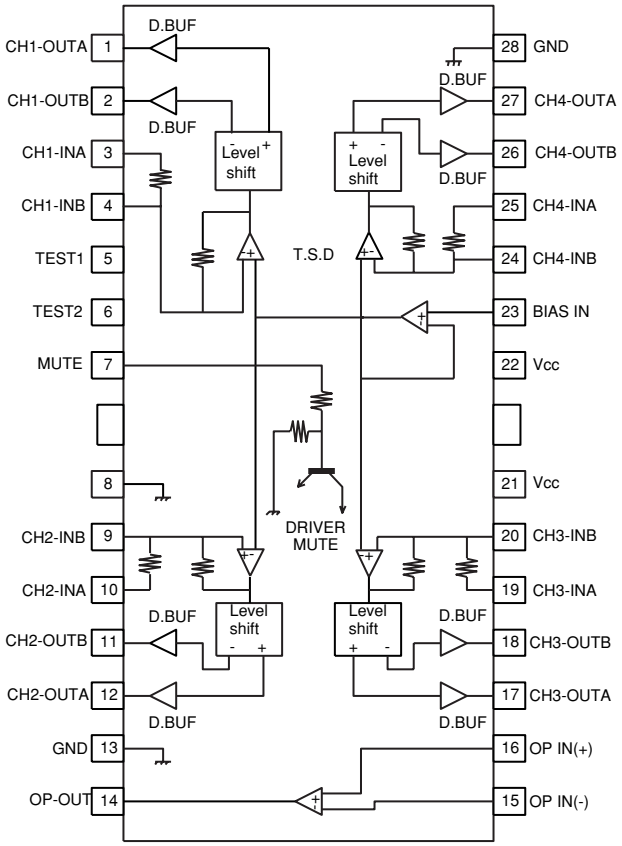
2.Block diagram



3. Pin function

Pin No.	Symbol	I/O	Description
1	PD	I	APC amp input terminal
2	LD	O	APC amp output terminal
3	LD ON	I	APC ON/OFF control terminal
4	LDP	--	Connect to ground
5	VCC	--	Power supply
6	RF-	I	Inverse input pin for RF amp
7	RF OUT	O	RFamp output
8	RF IN	I	RF input
9	C.AGC	I/O	Connecting pin of AGC loop filter
10	ARF	O	RF output
11	C.ENV	I/O	A capacitor is connected to this terminal to detect the envelope of RF signal
12	C.EA	I/O	A capacitor is connected to this terminal to detect the envelope of RF signal
13	CS BDO	I/O	A capacitor is connected to detect the lower envelope of RF signal
14	BDO	O	BDO output pin
15	CS BRT	I/O	A capacitor is connected to detect the lower envelope of RF signal
16	OFTR	O	Of-track status signal output
17	/NRFDET	O	RF detection signal output
18	GND	--	Ground
19	ENV	O	Envelope output
20	VREF	O	Reference voltage output
21	LD OFF	--	Connect to ground
22	VDET	O	Vibration detection signal output
23	TE BPF	I	Input pin of tracking error through BPF
24	CROSS	O	Tracking error cross output
25	TE OUT	O	Tracking error signal output
26	TE-	I	Inverse input pin for tracking error amp
27	FE OUT	O	Output pin of focus error
28	FE-	I	Inverse input pin for focus error amp
29	FBAL	I	Focus balance control
30	TBAL	I	Tracking balance control
31	PDFR	I/O	F I-V amp gain control
32	PDER	I/O	E I-V amp gain control
33	PDF	I	I-V amp input
34	PDE	I	I-V amp input
35	PD BD	I	I-V amp input
36	PD AC	I	I-V amp input

■BA6897FP (IC463) : 4channel driver

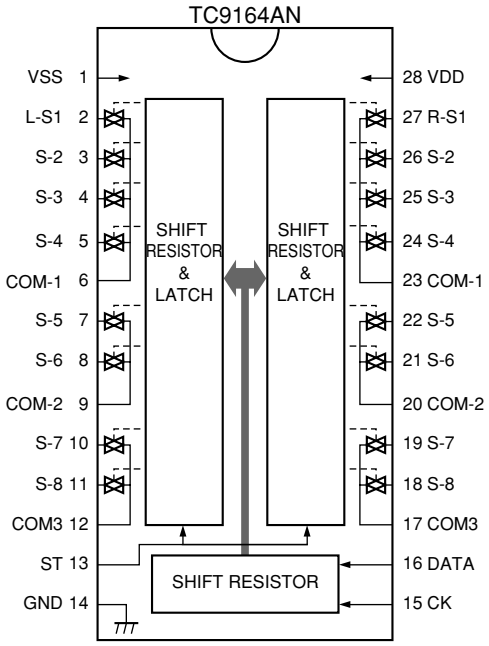


■TC9164AN (IC432) : Analog switch

1.Function

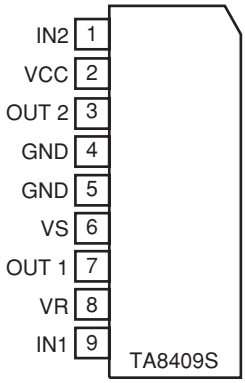
Switch to On/Off of S1 to S8 by control of LSI.

2.Terminal Lay out & Block Diagram



■TA8409S (IC464) : Motor driver

1.Pin layout

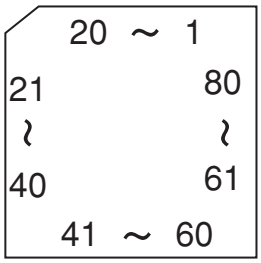


2.Pin function

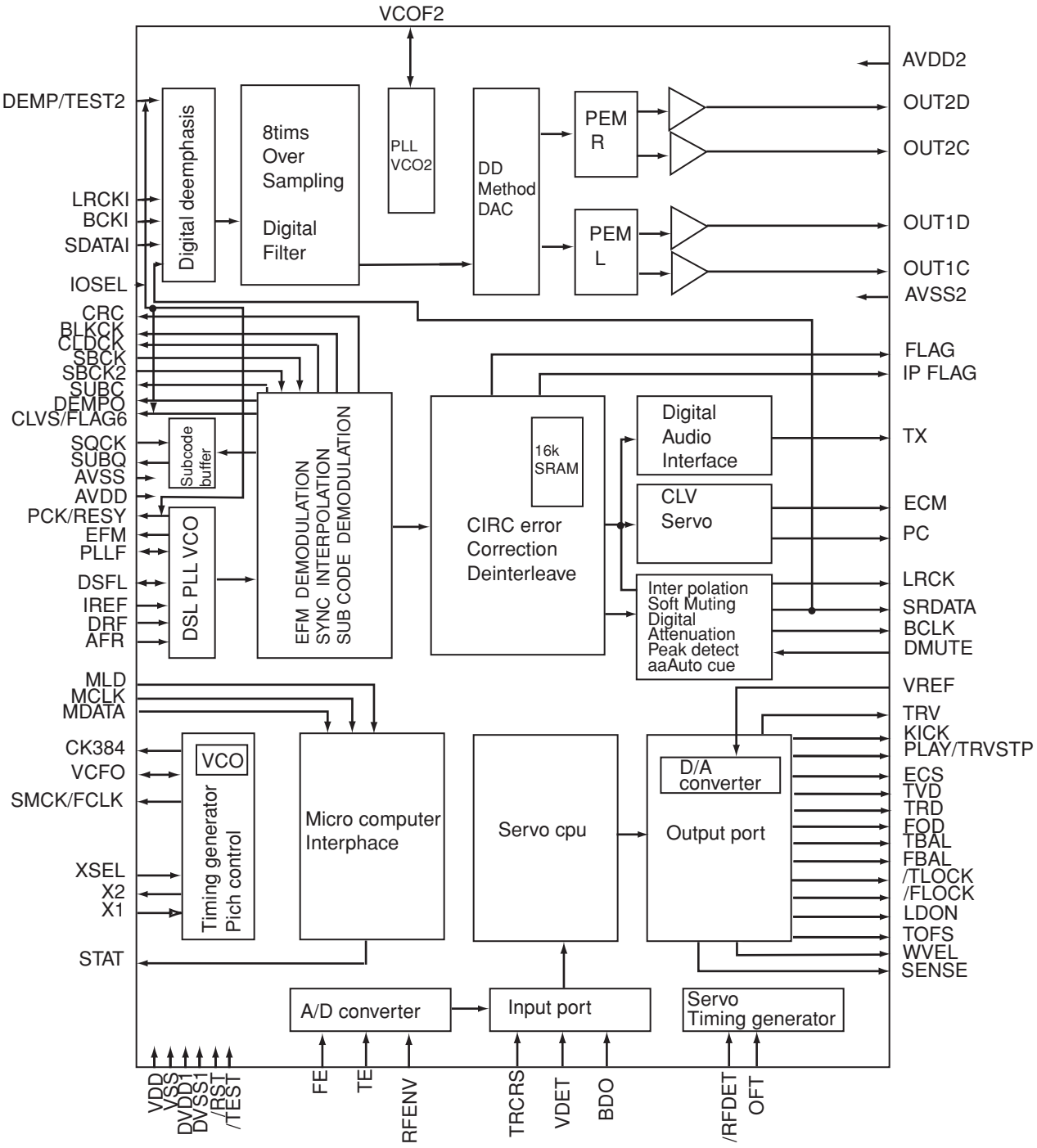
INPUT		OUTPUT		MODE
IN1	IN2	OUT1	OUT2	MOTOR
0	0	∞	∞	STOP
1	0	H	L	CW/CCW
0	1	L	H	CCW/CW
1	1	L	L	BRAKE

■MN35511AL (IC461) : Digital servo & Processor

1.Pin layout



2.Block diagram

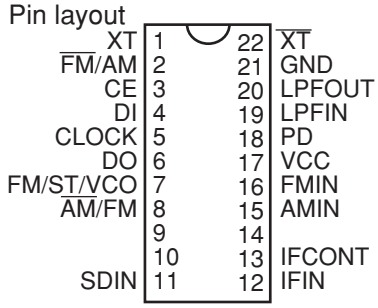


3. Pin function

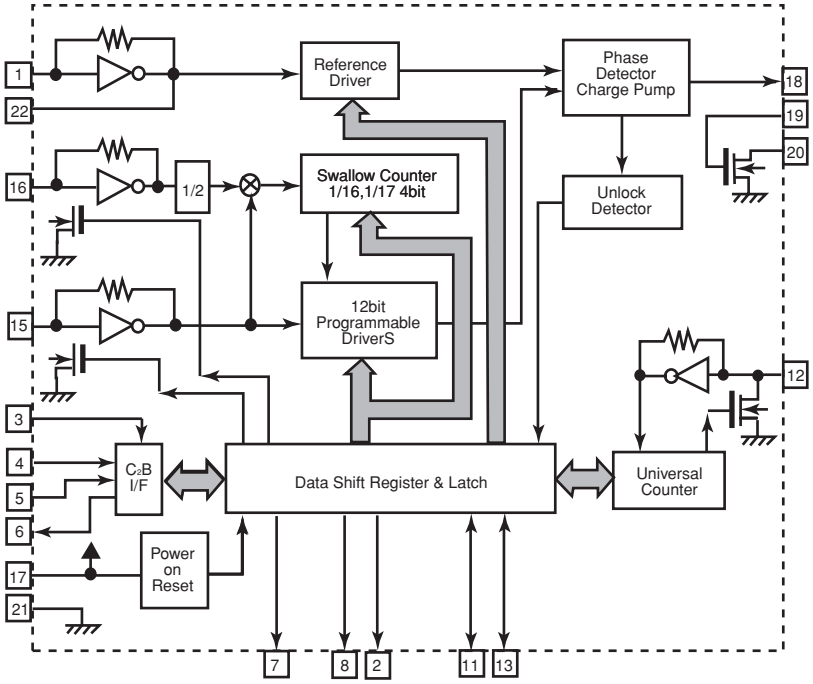
Pin No.	symbol	I/O	Description	Pin No.	symbol	I/O	Description
1	BCLK	O	Bit clock output for SRDATA	41	TOFS	—	Non connect
2	LRCK	O	Identification signal output of Lch and Rch	42	PLAY	—	Non connect
3	SRDATA	O	Serial data output	43	WVEL	—	Non connect
4	DVDD1	—	Power supply (Digital)	44	ARF	I	RF signal input
5	DVSS1	—	Connected to GND	45	IREF	I	Reference current input pin
6	TX	O	Digital audio interface output	46	DRF	I	Bias pin for DSL
7	MCLK	I	μcom command clock signal input (Data is latched at signal's rising point)	47	DSLF	I/O	Loop filter pin for DSL
8	MDATA	I	μcom command data input	48	PLLF	I/O	Loop filter pin for PLL
9	MLD	I	μcom command load signal input	49	VCOF	—	Not used
10	SENSE	-	Non connect	50	AVDD2	—	Power supply(Analog)
11	FLOCK	-	Non connect	51	AVSS2	—	Connected to GND(Analog)
12	TLOCK	-	Non connect	52	EFM	—	Non connect
13	BLKCK	-	Non connect	53	PCK	—	Non connect
14	SQCK	I	Outside clock for sub-code Q resister input	54	FLAG	—	Non connect
15	SUBQ	O	Sub-code Q -code output	55	CRC	—	Non connect
16	DMUTE	—	Connected to GND	56	XSEL	I	Clock input for subcode/serial output
17	STATUS	O	Status signal (CRC,CUE,CLVS,TTSTOP,ECLV,SQOK)	57	VSS	—	Connected to GND(for X'tal oscillation circuit)
18	RST	I	Reset signal input (L:Reset)	58	XI	I	Input of 16.9344MHz X'tal oscillation circuit
19	SMCK	—	Non connect	59	X2	O	Output of X'tal oscillation circuit
20	PMCK	—	Non connect	60	VDD	—	Power supply(for X'tal cscillation circuit)
21	TRV	O	Traverse enforced output	61	VCOF2	O	PLL loop filter terminal for jitter absorption
22	TVD	O	Traverse drive output	62	AVSS1	O	Ground terminal for audio DAC
23	PC	—	Non connect	63	OUT1C	O	PEM output terminal 1C
24	ECM	O	Spindle motor drive signal (Enforced mode output) 3-State	64	OUT1D	O	PEM output terminal 1D
25	ECS	O	Spindle motor drive signal (Servo error signal output)	65	OUT2D	O	PEM output terminal 2D
26	KICK	O	Kick pulse output	66	OUT2C	O	PEM output terminal 2C
27	TRD	O	Tracking drive output	67	AVDD1	O	Power supply for audio DAC
28	FOD	O	Focus drive output	68	DEMPO	-	Non connect
29	VREF	I	Reference voltage input pin for D/A output block (TVD,FOD,FBA,TBAL)	69	CK384	O	384fs clock output
30	FBAL	O	Focus Balance adjust signal output	70	IOSEL	I	Mode switch terminal
31	TBAL	O	Tracking Balance adjust signal output	71	TEST	I	Test mode setting terminal
32	FE	I	Focus error signal input(Analog input)	72	SBCK2	I	Sub code/data reading clock input
33	TE	I	Tracking error signal input(Analog input)	73	SUBC	O	Sub code/serial output
34	RF ENV	I	RF envelope signal input(Analog input)	74	SBCK	I	Clock input for sub code/serial output
35	VDET	I	Vibration detect signal input(H:detect)	75	CLDCK	O	Sub code /frame clock signal output terminal
36	OFT	I	Off track signal input(H:off track)	76	IPFLAG	I	Interpolation flag signal output H:Interpolation
37	TRCRS	I	Track cross signal input	77	DEMPI	I	IOSEL:L The outside DEMPO input terminal
38	RFDET	I	RF detect signal input(L:detect)	78	SDATI	I	SRDATA input terminal
39	BDO	I	BDO input pin(L:detect)	79	LRCKI	I	When IOSEL is "L", LRCK input H:Lch data L:Rch data
40	LDON	O	Laser ON signal output(H:on)				
				80	BCKI	I	When IOSEL is "L", BCK input

■LC72136N (IC2) : PLL frequency synthesizer

1. Pin layout



2. Block diagram

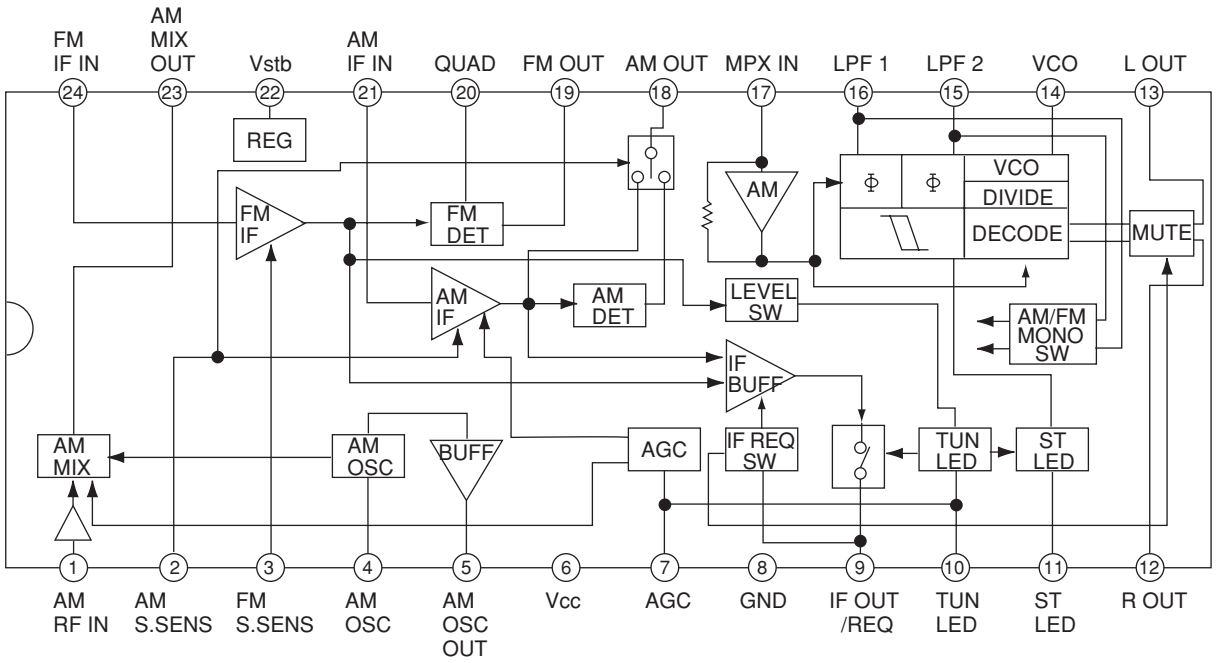


3. Pin function

Pin No.	Symbol	I/O	Function	Pin No.	Symbol	I/O	Function
1	XT	I	X'tal oscillator connect (75kHz)	12	IFIN	I	IF counter signal input
2	$\overline{FM}$/AM	O	LOW:FM mode	13	IFCONT	O	IF signal output
3	CE	I	When data output/input for 4pin(input) and 6pin(output): H	14		-	Not use
4	DI	I	Input for receive the serial data from controller	15	AMIN	I	AM Local OSC signal output
5	CLOCK	I	Sync signal input use	16	FMIN	I	FM Local OSC signal input
6	DO	O	Data output for Controller Output port	17	VCC	-	Power suplly(VDD=4.5-5.5V) When power ON:Reset circuit move
7	FM/ST/VCO	O	"Low": MW mode	18	PD	O	PLL charge pump output(H: Local OSC frequency Height than Reference frequency. L: Low Agreement: Height impedance)
8	$\overline{AM}$/FM	O	Open state after the power on reset	19	LPFIN	I	Input for active lowpassfilter of PLL
9	LW	I/O	Input/output port	20	LPFOUT	O	Output for active lowpassfilter of PLL
10	MW	I/O	Input/output port	21	GND	-	Connected to GND
11	SDIN	I/O	Data input/output	22	$\overline{XT}$	I	X'tal oscillator(75KHz)

■TA2057N (IC1) : FM/AMP IF AMP & Detector

1.Block Diagrams

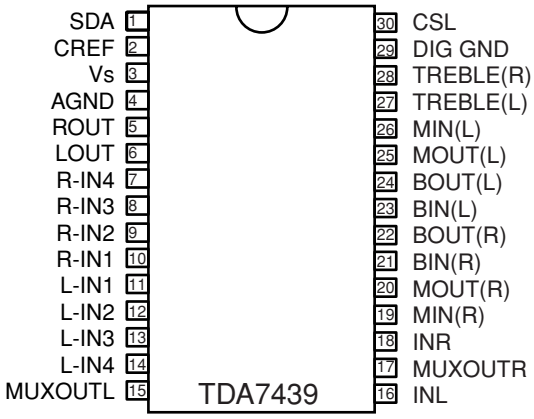


2.Pin Function

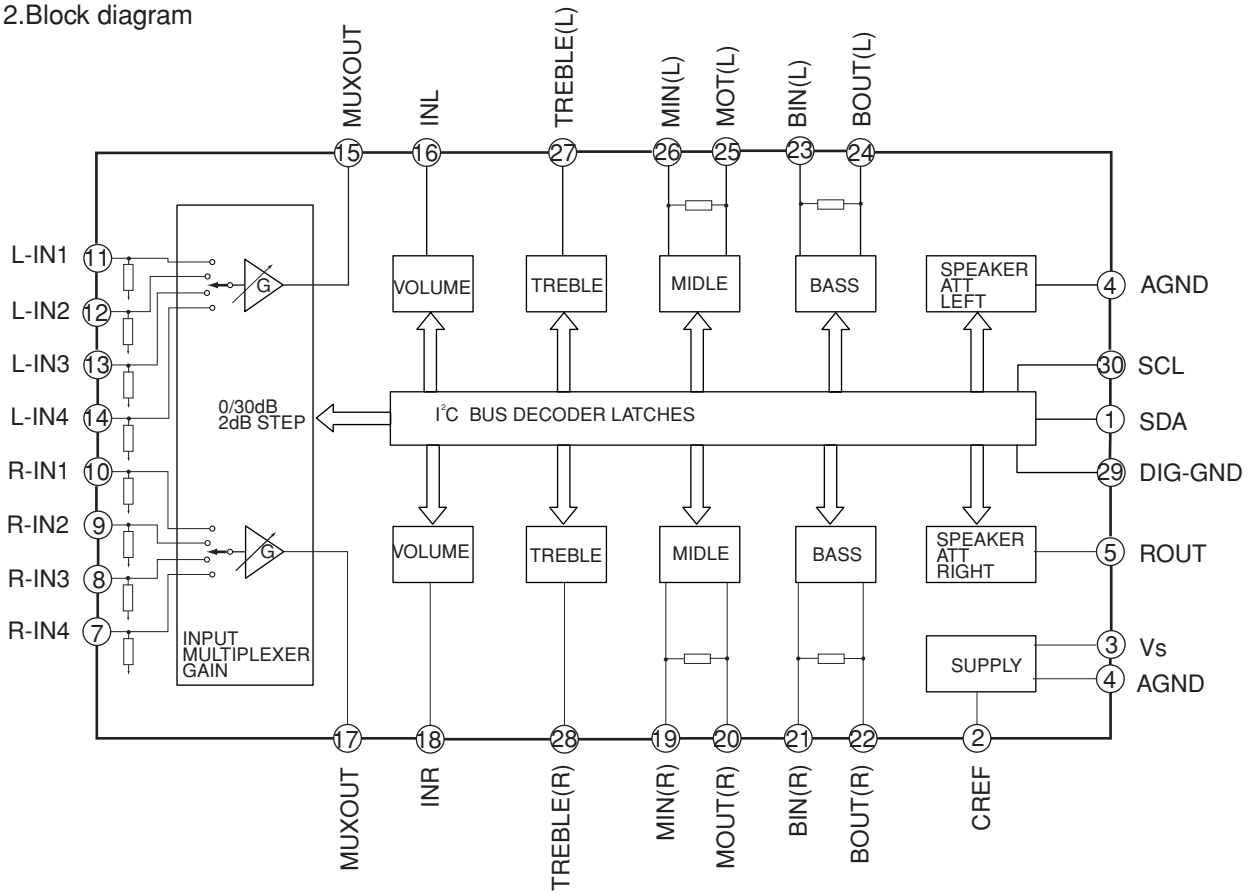
Pin No.	I/O	Symbol	Function	Pin No.	I/O	Symbol	Function
1	I	AM RF	AMRF signal input	13	O	Lch OUT	Output Lch
2		AM S.SENS		14	O	VCO	Voltage controlled terminal
3		FM S.SENS		15	O	LPF2	When voltage of terminal is MONO
4	-	AM OSC	AM local oscillation circuit				at "H" and ST at "L"
5	O	AM OSC OUT	AM local oscillation signal output	16	O	LPF1	When voltage of terminal is AM at
6	-	VCC	Power supply				"H" and FM at "L"
7	I	AGC	AGC voltage input terminal	17	I	MPX IN	Multi plex signal input
8	-	GND	Connect to GND	18	O	AM OUT	AM detection signal output
9	O	IF OUT	IF REQ signal output to IC2	19	O	FM OUT	FM detection signal output
10	O	TU IND	Indicator drive output when tuning	20	I	FM QUAD	Bypass to FMIF
11	O	ST IND	Stereo indicator output	21	I	AM IF IN	Input of AMIF signal
			"H"mono . "L"stereo	22	-	Vst	Fixed voltage output terminal
12	O	Rch OUT	Output Rch	23	O	AM MIX OUT	Output terminal for AM mixer
				24	I	FM IF IN	Input of FMIF signal

■TA7439 (IC435) : Rear/center volume

1.Pin layout

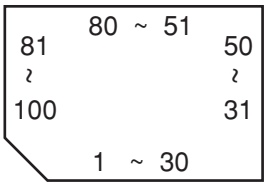


2.Block diagram



■UPD784214AFG501 (IC501) : Sysem controller

1.Pin layout

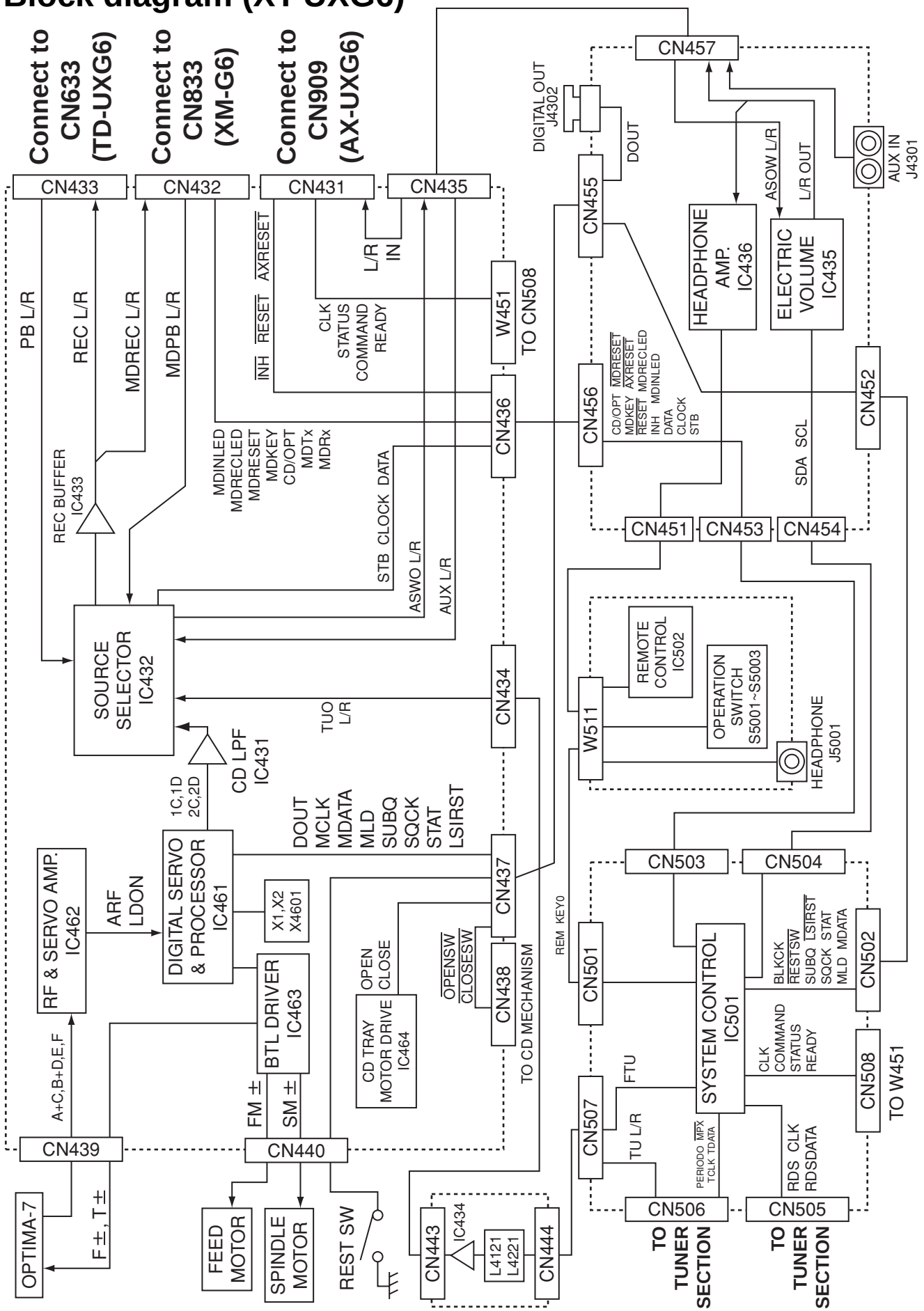


2. Pin function

Pin No.	Symbol	I/O	Description
1	PERIODO	O	Tuner PLL control output
2	MPX	I	Stereo indicator signal input
3	TCLOCK	O	Tuner PLL control output
4	TDATA	I/O	Tuner PLL control
5	NC	-	Non connect
6	RDS DATA	I	RDS Data input
7,8	NC	-	Non connect
9	VDD	-	Power supply terminal
10	fout	O	fx/n Output
11	BAND0	I	0 E / 1 J / 0 U / 1UX / 0UR / 1EE / 0 A / 1 U 0 / 0 / 1 / 1 / 0 / 0 / 1 / 1 0 / 0 / 0 / 0 / 1 / 1 / 1 / 1
12	BAND1		
13	BAND2		
14	SDA	O	Electric volume control data output
15	SCL	I/O	Electric volume control (clock)
16	NC	-	Non connect
17	DATA	I	Data input from source selector
18	CLOCK	I	Clock input from source selector
19	STB	I	Strobe input from source selector
20,21	NC	-	Non connect
22	TEST/VDD	-	Connect to GND
23	TEST1	-	Connect to GND
24,26	NC	-	Non connect
27	DCSIN	I	DCS Signal input from TAPE
28	DCSOUT	O	DCS Signal output to TAPE
29	NC	-	Non connect
30	INH	I	Power failure detect
31	TEST2	-	Connect to GND
32~36	NC	-	Non connect
37	VDD	-	Power supply
38,39	X2,X1	I/O	Oscillation terminal (10MHz)
40	Vss	-	Connect to GND
41	XT2	-	Non connect
42	XT1	I	Sub clock
43	RESET	I	Reset input
44	REM	I	Remote control signal input
45	RDSCLK	I	RDS Clock input
46	BLKCK	I	CD Q-code block clock input
47~50	NC	-	Non connect
51	AVDD	-	Power supply
52	AVREF0	-	Power supply
53	MD KEY	I	Key control signal input from MD
54	KEY0	I	Key control signal input from CD
55,56	NC	-	Non connect
57	NC	-	Connect to GND
58	SAFETY0	I	When power is ON (INH)=detection "H"
59	SAFETY1	-	Non connect
60	NC	-	Connect to GND

Pin No.	Symbol	I/O	Description
61	AVSS	-	Connect to GND
62	CD/OPT	O	Digital input selector
63	MDRESET	O	MD Reset signal output
64	AVREF	-	Power supply
65	MD Rx	I	MD Unit I/F input
66	MD Tx	O	MD Unit I/F output
67	NC	-	Non connect
68	SUBQ	I	CD Q-code input
69	NC	-	Non connect
70	SQCK	O	CD Q-code clock output
71	AXRESET	O	Reset signal output to AX-UXG6
72	READY	O	Micom I/F output to IC701 (AX-UXG6)
73	STATUS	I	Micom I/F input to IC701 (AX-UXG6)
74	COMMAND	O	Micom I/F output to IC701 (AX-UXG6)
75	CLK	O	Micom I/F output to IC701 (AX-UXG6)
76	NC	-	Non connect
77	MCLCK	O	CD LSI control signal output to IC461
78	REST SW	I	Rest switch detection terminal
79	LSI RST	O	CD LSI reset signal output to IC461
80	STAT	I	Status signal input from IC461
81	MLD	O	Command load signal output to IC461
82	MDATA	O	Command data output to IC461
83	NC	-	Non connect
84	MDRECLED	O	MD REC LED control signal output
85	FCD	O	Function CD
86	SMUTE	O	System mute output
87	HPMUTE	O	Headphone mute output
88	LED0	O	Power lighting when it is on always
			(CD/TUNER LED)
89	MDINLED	O	MD IN Indicator control output
90	NC	-	Non connect
91	CLOSESW	I	CD tray close switch detection terminal
92	OPENSW	I	CD tray open switch detection terminal
93	CLOSE	O	CD tray close control signal output
94	OPEN	O	CD tray open control signal output
95	NC	-	Non connect
96	FTU	O	Function tuner
97	TUNERTEST	I/O	Tuner reset
98	NC	-	Non connect
99	SPK	O	Speaker relay control H=ON
100	Vss	-	Connect to GND

Block diagram (XT-UXG6)



<< M E M O >>

TD-UXG6

Disassembly method (TD-UXG6)

■Removing the top cover (See Fig.1)

1. Remove the two screws A and the four screws B attaching the top cover.

2. Remove the top cover from behind in the direction of the arrow while pulling the sides outward.

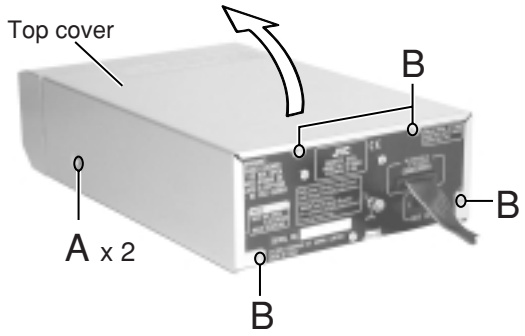


Fig. 1

■Removing the front panel assembly (See Fig.2 to 5)

- Prior to performing the following procedure, remove the top cover.

1. Disconnect the card wire from connector CN637 on the main board and remove the screw C attaching the ground terminal on the main board.

2. Remove the three screws D on the bottom of the body.

3. Release the joint "a" on the bottom and the joints "b" on both sides of the body, and remove the front panel assembly toward the front.

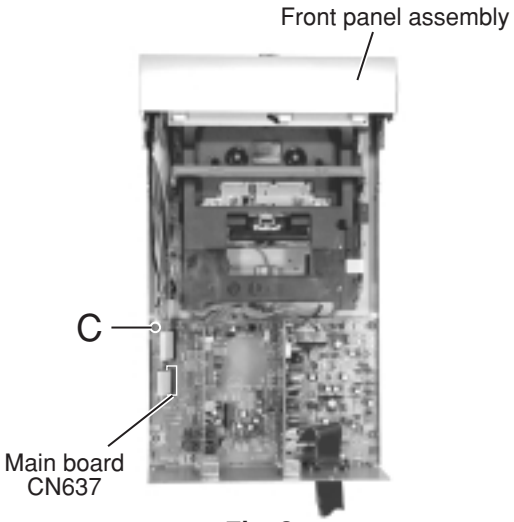


Fig. 2

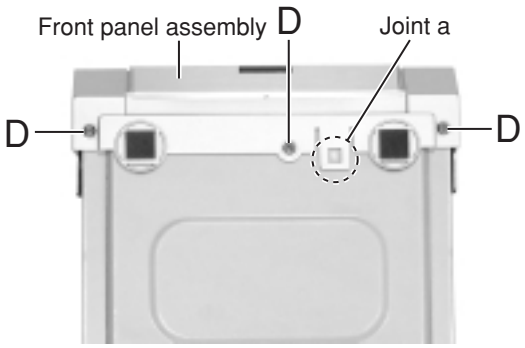


Fig. 3

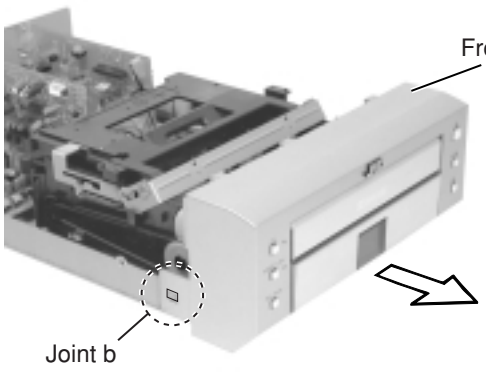


Fig. 5

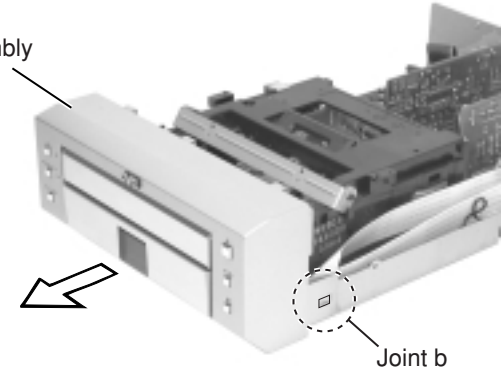


Fig. 4

■Removing the rear panel

(See Fig.6 and 7)

- Prior to performing the following procedure, remove the top cover.

1. Remove the three screws E attaching the rear panel on the back of the body and release the two joints "c" on both sides while moving the rear panel upward

2. Disconnect the harness from connector CN633 on the main board.
   (When disconnecting the harness from the rear panel, unhook the upper and lower four hooks of the wire stopper on the back of the rear panel and pull out the harness outward.)

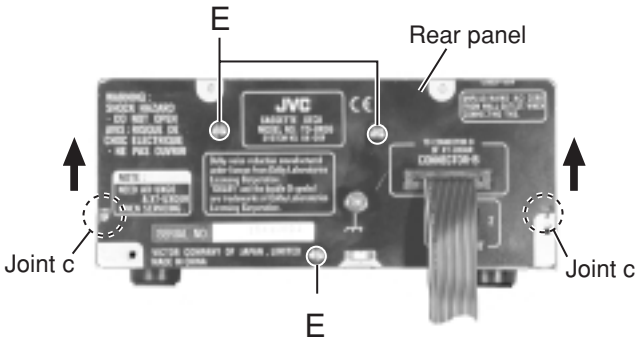


Fig. 6

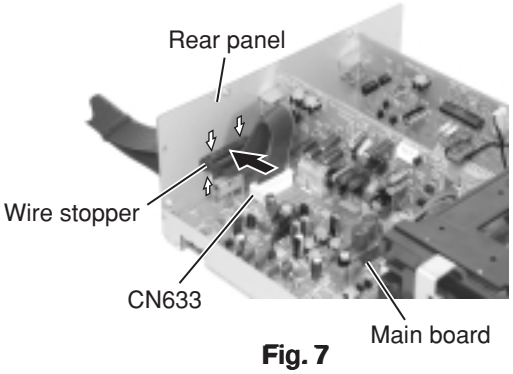
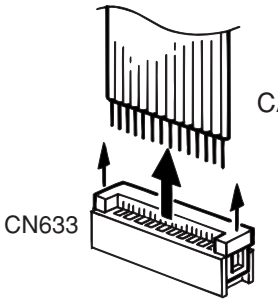


Fig. 7



CAUTION: Lift the lock and pull out the wire.

Fig.7-1

■Removing the cassette mechanism assembly (See Fig.8)

- Prior to performing the following procedure, remove the top cover and the front assembly.

1. Disconnect the card wire from connector CN647 and the harness from CN635 on the main board respectively.

2. Disconnect the harness from the connector on the motor board in the cassette mechanism assembly.

3. Remove the four screws F and detach the cassette mechanism assembly upward.

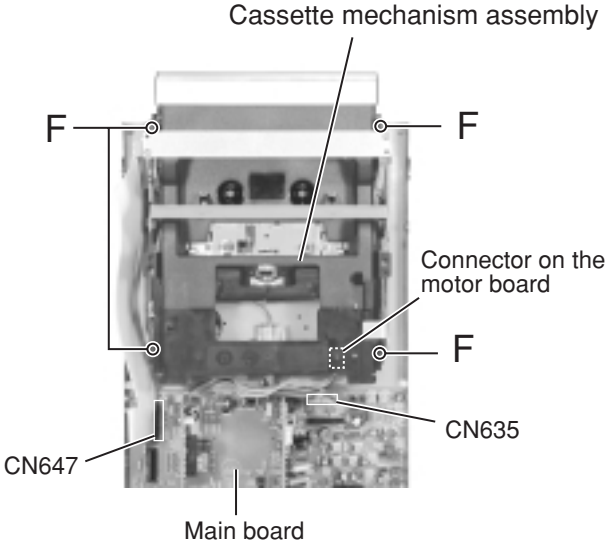


Fig. 8

■Removing the loading mechanism board/ Dolby board (See Fig.9)

- Prior to performing the following procedure, remove the top cover and the rear panel.

1. Disconnect the harness from the connector on the motor board in the cassette mechanism. Then disconnect the loading mechanism board from connector CN634 on the main board.

2. Disconnect the Dolby board from connector CN632 and CN636 on the main board.

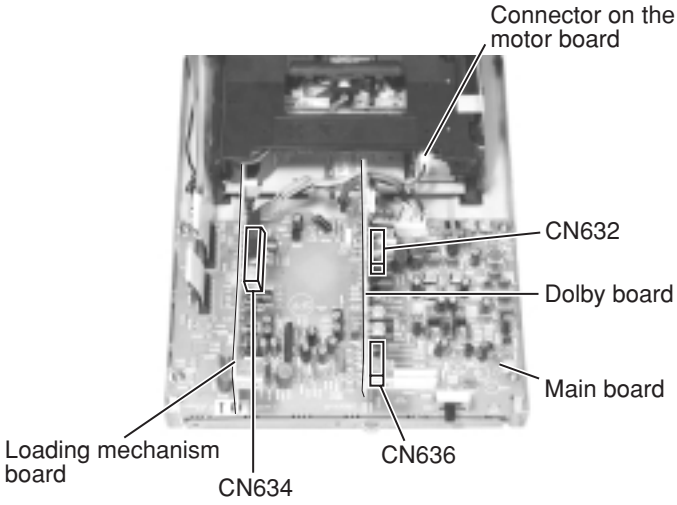


Fig. 9

■Removing the main board (See Fig.10)

- Prior to performing the following procedure, remove the top cover, the rear panel, the loading mechanism board and the Dolby board.

1. Disconnect the card wire from connector CN637 and CN647 on the main board. Then disconnect the harness from CN635.
2. Remove the four screws G attaching the main board.

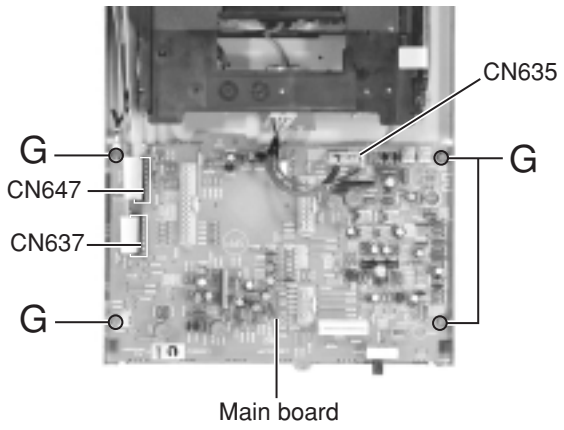


Fig. 10

■Removing the front board (See Fig.11)

- Prior to performing the following procedure, remove the top cover and the front panel assembly.

1. Remove the seven screws H attaching the front board in the front panel assembly.

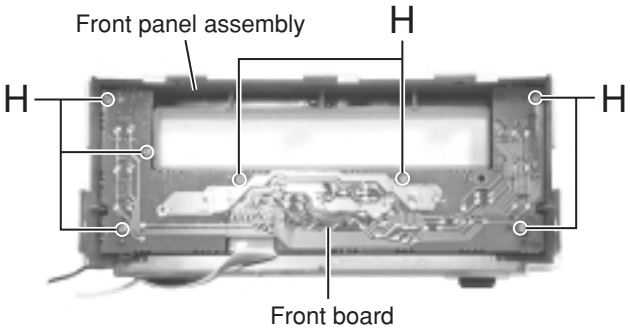


Fig. 11

<<Cassette Mechanism Section>>

■Detaching the cassette loading mechanism (Fig. 1 to 3)

1. Turn the loading drive gear in the direction shown by the arrow so that the head relay board can be removed.
2. Remove the screw A securing the head relay board (to protect the head wire).
3. Remove the two screws B securing the capstan motor bracket.
4. Remove the screw D securing the cassette stabilizer, and detach the stabilizer by pressing it from the side the securing screw is on.
5. Remove the two screws E securing the bracket.
6. Disconnect the capstan motor wiring and detach the cassette mechanism and capstan motor bracket from the loading section.
7. Turn the unit over and remove the four screws C securing the cassette mechanism assembly.
8. Loading section
   Detach the left and right side brackets by pressing their bottoms into the unit and then pulling them towards the back. Detach the left side by turning the loading gear.
9. To detach the tray without removing the screws (D and E) securing the bracket, open the stopper's pawl as shown in the figure and release the stopper to pull out the tray.

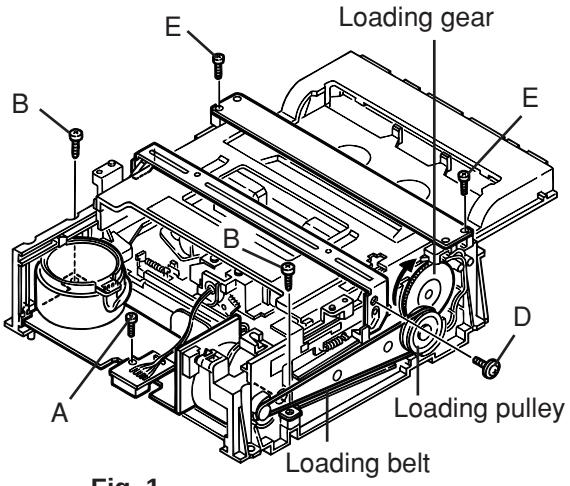


Fig. 1

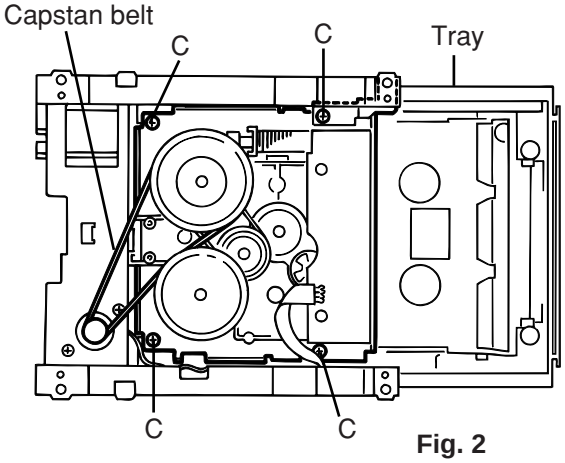


Fig. 2

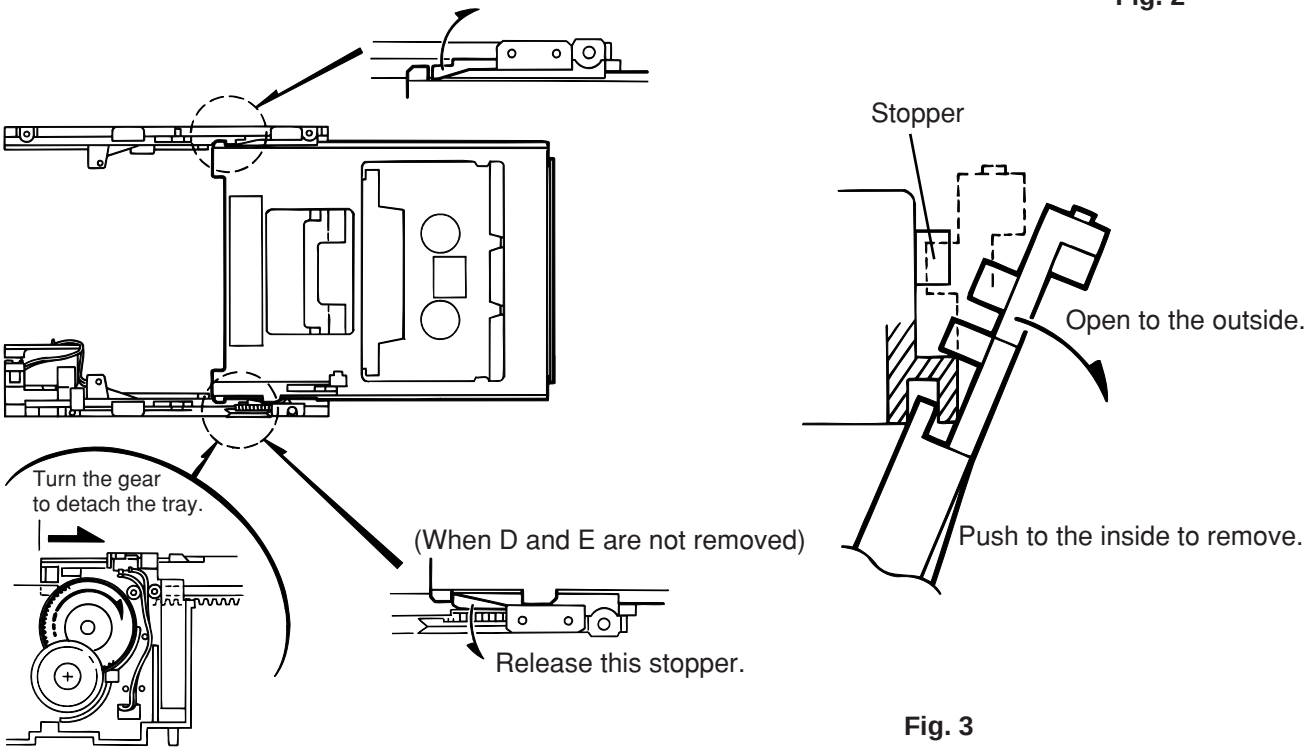

(When D and E are not removed)
Release this stopper.
Turn the gear
to detach the tray.
(When D and E are not removed)
Release this stopper.
Stopper
Open to the outside.
Push to the inside to remove.

Fig. 3

■Detaching the capstan motor (Fig. 4)

1. Disconnect the capstan motor wiring.
2. Remove the two screws F securing the capstan motor.

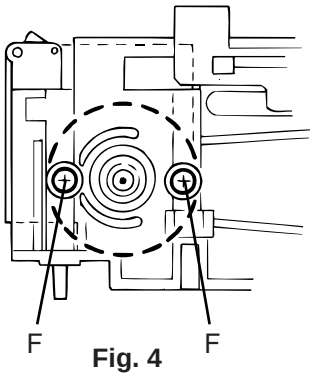


Fig. 4

■Detaching the mechanism (Fig. 5 to 11)

1. Head block
   Remove the two screws G securing the head block (when installing, attach to the return gear arm).
2. Pinch roller assembly
   (1) Remove the pinch roller return spring (used to prevent particle build-up).
   (2) Release the hook securing the pinch roller arm and pull the assembly up.
3. Reel disk
   Press in the tip and pull out the disk. The stopper, reel feather, spring and reel disk are detached at the sometime.

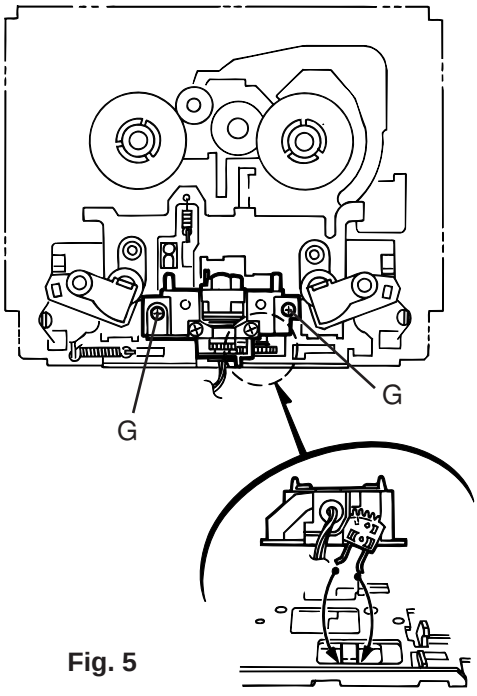


Fig. 5

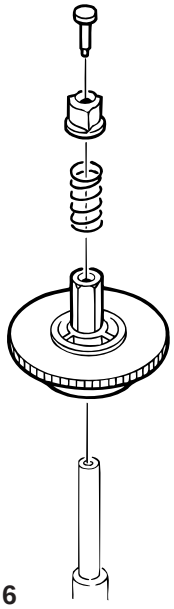


Fig. 6

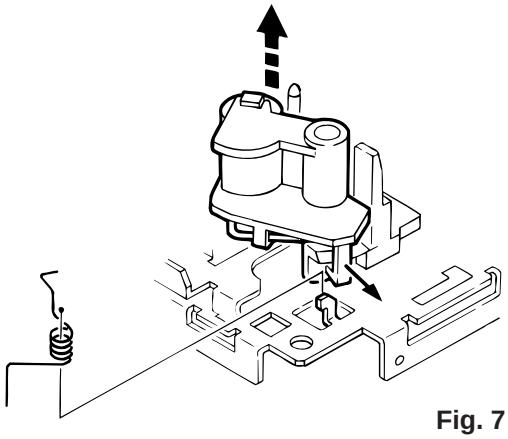


Fig. 7

4. Leaf switch replacement
   Remove the two screws H securing the leaf switch board.

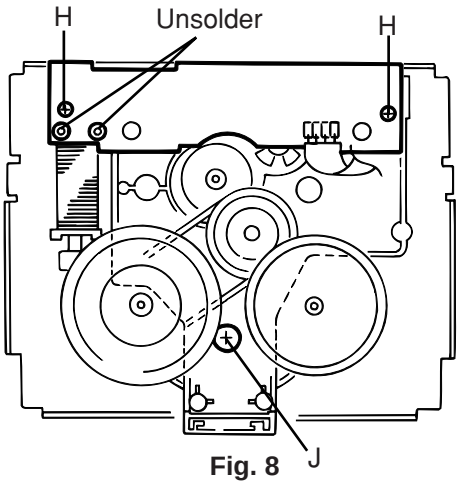


Fig. 8

5. Mechanism base
   (1) Pull out the reel disk.
   (2) Detach the brake arm.
   Pull up the brake arm by releasing the stopper on the brake arm shaft.
   (3) Remove the four switches I securing the mechanism base unit.
   (4) Pull out the reel idle gear.
   (5) Turn the unit over and remove the screw J.

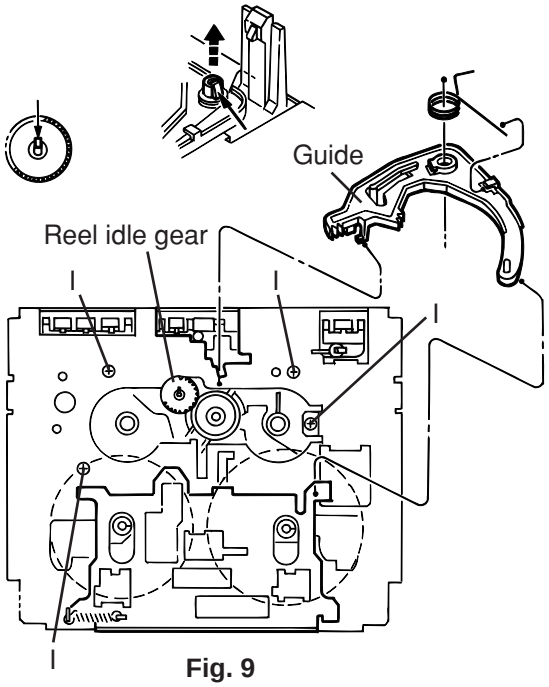


Fig. 9

■Detaching the flywheel

1. Remove the C washers and washers from the capstan.
2. Pull out the flywheel.

Note: When assembling, be sure to replace the C washers and washers on the same sides they came from.

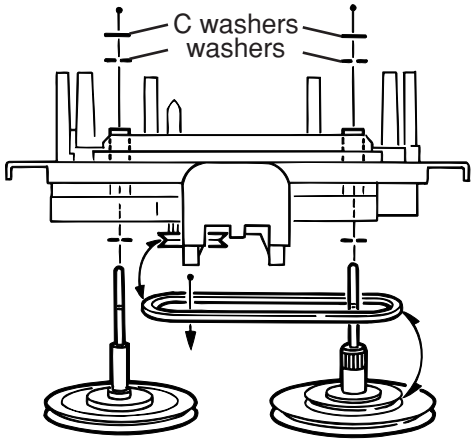


Fig. 10

■**Assembling** (Figs. 11 to 13)

1. Set the cam gear in the position shown in the figure.
2. Set the spring as shown in the figure.
3. Set the solenoid plunger (shaft).
4. Attach to the mechanism base.
5. Slide the head return slider (white plastic) in the direction shown by the arrow to position the stud.
6. Check the positioning of the plunger.
7. Set the cam gear with the screw (K).
8. Turn the cam gear and make sure that the headbase moves back and forth.

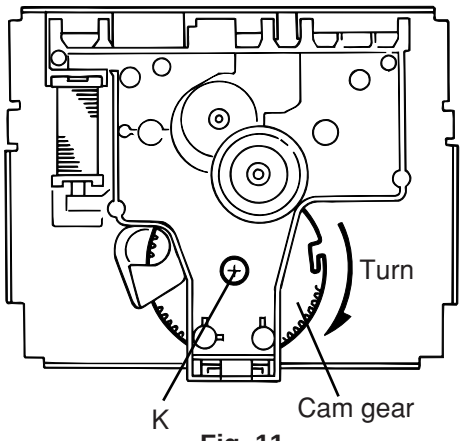


Fig. 11

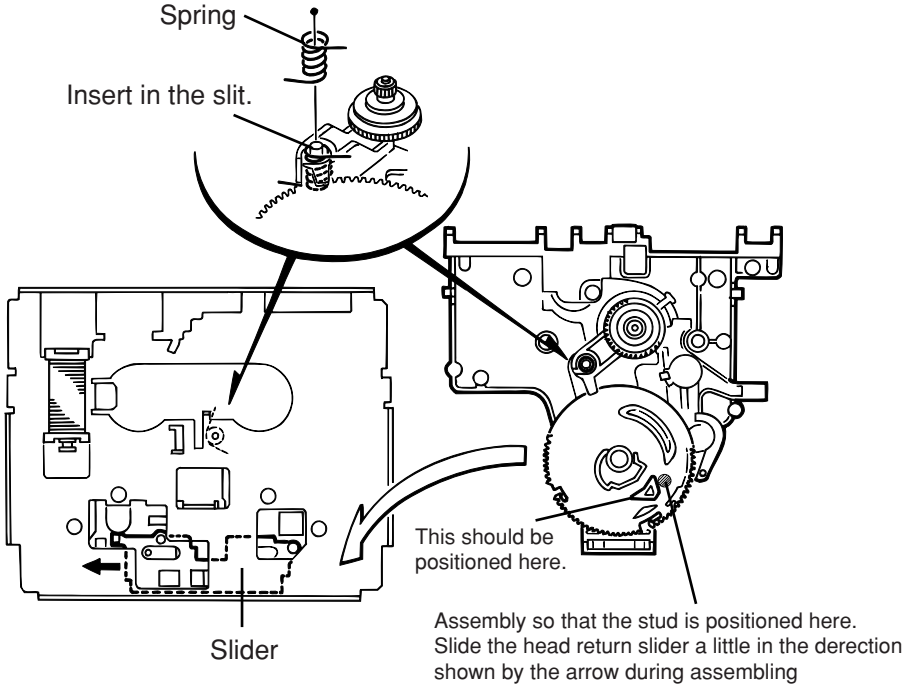

Spring
Insert in the slit.
This should be positioned here.
Slider
Assembly so that the stud is positioned here.
Slide the head return slider a little in the derection shown by the arrow during assembling and insert the screw J (Fig. 8)

Fig. 12

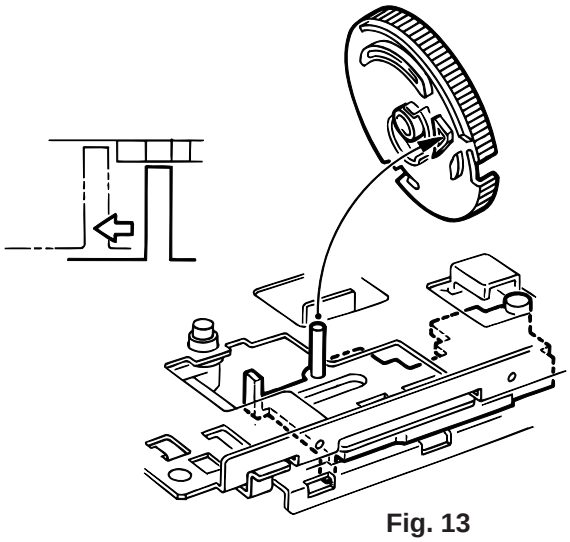


Fig. 13

Main adjustment

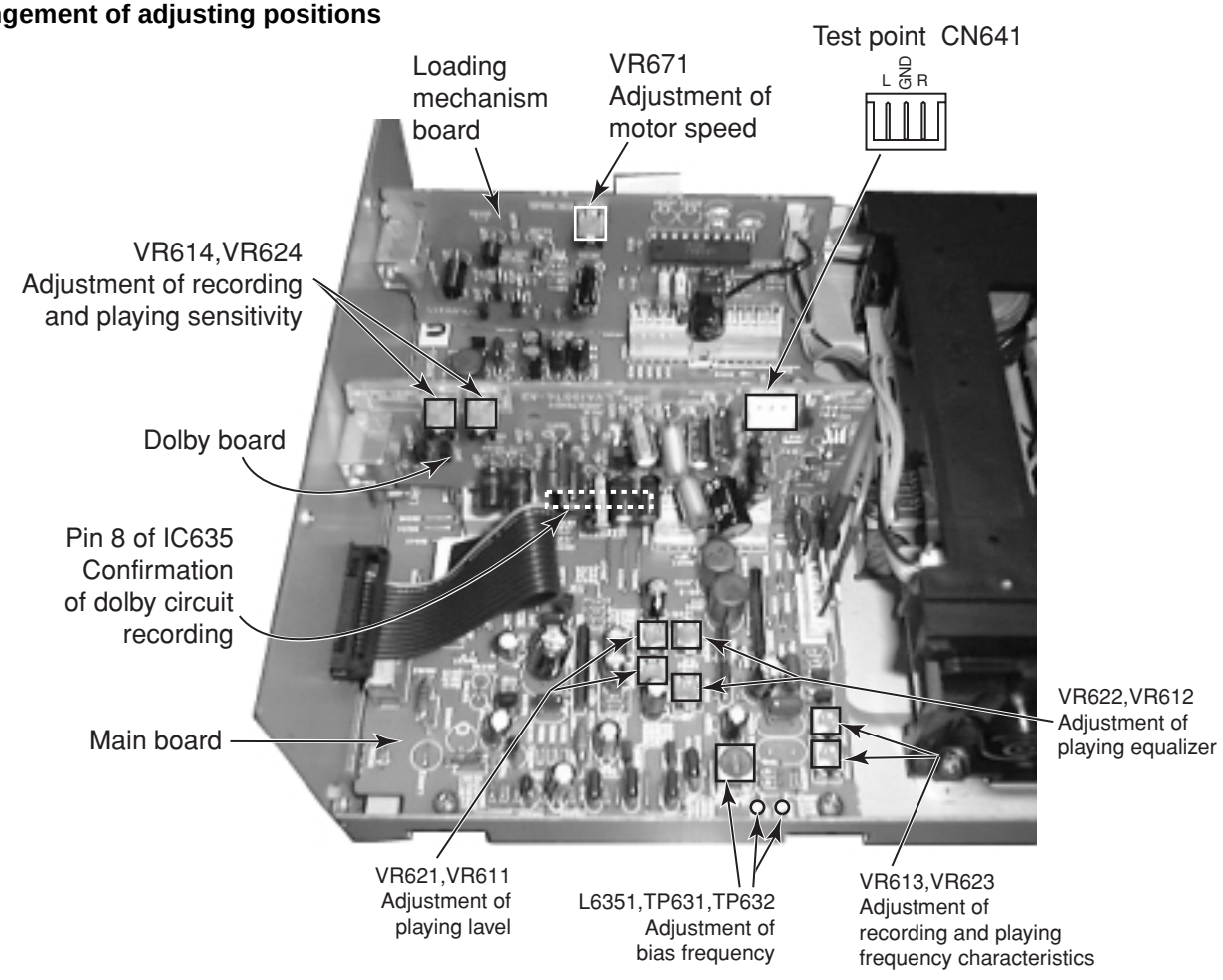
1.Measuring instruments required for adjustment

(1) Low frequency oscillator
This oscillator should be capable of outputting 0dB (0.775V) at the 600W terminal at an oscillation frequency of 50 - 20kHz.
(2) Attenuator (Impedance: 600 Ω)
(3) Electronic voltmeter
(4) Standard tapes for measurement
VT712 (for measuring the tape speed and wow flatter)
VT724 (Reference level) (1kHz)
TMT735 (for measuring the playing (playback) frequency characteristics) (1kHz and 12.5kHz)
TMT6447 and TMT6448 (for music scanning)
VT705 (12.5kHz) (for adjusting the head azimuth)
(5) Standard recording tape
AC-225 (TDK AD), AC-514 (TDK SA), or equivalent (Be sure to use only the standard recording (measurement) tapes specified by this division).
(6) 600 Ω resistors and so forth (for attenuator matching)
(7) Distortion meter (band pass filter)
(8) Torque gauge (cassette)
For adjusting the torque related to CTG-N, TW211,TW2121, TW2231 and TW2241
(9) Wow flatter meter
(10) Frequency counter
(11) M300 gauge (Gauge M300)
(12) Band pass filter

2.Setting of the respective switches and volume knobs

Dolby NR switch	: OFF
Reverse mode	: ON
Power supply switch	: ON

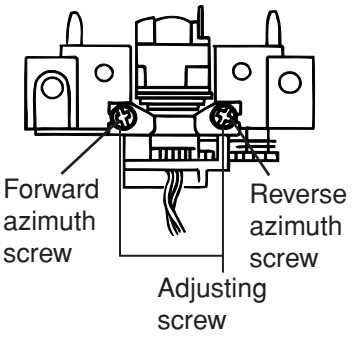
3.Arrangement of adjusting positions


Test point CN641
L GND R
Loading mechanism board
VR671 Adjustment of motor speed
VR614,VR624 Adjustment of recording and playing sensitivity
Dolby board
Pin 8 of IC635 Confirmation of dolby circuit recording
Main board
VR622,VR612 Adjustment of playing equalizer
VR621,VR611 Adjustment of playing lavel
L6351,TP631,TP632 Adjustment of bias frequency
VR613,VR623 Adjustment of recording and playing frequency characteristics

■Procedures for adjusting the mechanism section

Caution for Changing the Head

Remove the screw provided from right above the head. At this time, peel the screw locks around the head by using a sharp-pointed device. Moreover, use the screw driver matching the corresponding screw.

	Items	Adjusting position	Adjusting position	Reference value	Remarks
1	Adjustment of head azimuth	1. Connect the voltmeter to the [LINE OUT] terminal. 2. Play the test tape VT705 (12.5kHz). 3. Adjust the head azimuth screws so that the phase difference between both the forward and reverse channels becomes maximum and the output of both of the channels becomes maximum.	Forward and reverse azimuth screws	Maximum output (within -1dB)	
2	Adjustment of motor speed	1. Connect the frequency counter to the [LINE OUT] terminal. 2. Play the test tape VT712. 3. With VR671, adjust the counter reading to 3,000Hz.	VR671	3000±10Hz	
3	Confirmation of wow flatter	1. Connect the wow flatter meter to the [LINE OUT] terminal. 2. Play the test tape VT712 (3kHz). 3. Confirm that the wow flatter value is within 0.18% (JIS WTD).		0.18% or less (JID WTD)	
4	Confirmation of playing torque	1. Confirm the playing torque by using the torque test tape (TW2131 [FWD]) or the CTG-N gauge.		26~75 g/cm	
5	Forward feeding/ reversing torque	1. Confirm the forward feeding/ reversing torque by using the gauge as mentioned above or using the test tapes (TW2231 [FWD]/TW2241 [REV]).		70~170 g/cm (both FF/REW)	

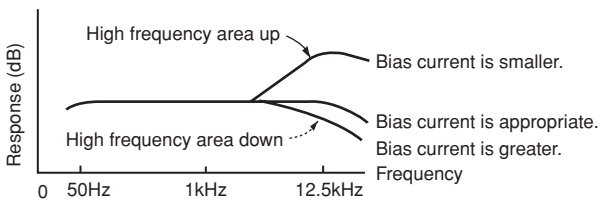
■Procedures for adjusting the electrical circuit

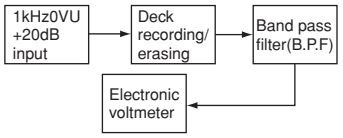
The following adjustments should be performed after adjusting the tape traveling and head angles.

- The sequence of adjustment should in principle be according to the following order of description.
- The adjustment items denoted by asterisk should be performed whenever the head has been changed.

[0dBs = 0.775V]

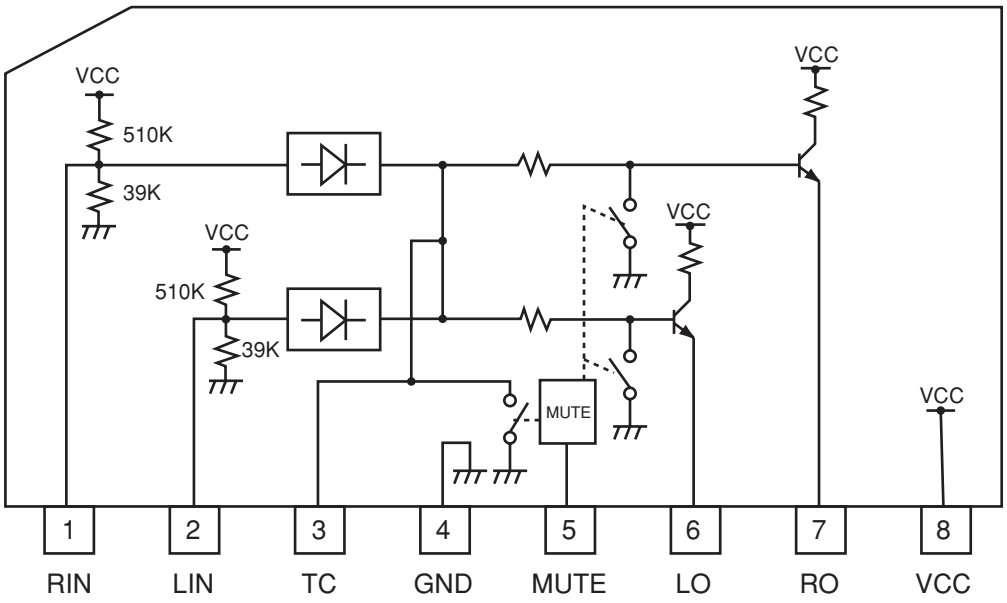
	Items	Adjusting and confirmation methods frequency level deviation of output up and down values			
1	Confirmation of Dolby circuit recording (Recording mode)			Frequency level	Deviation of output up and down values
		Recording Dolby B	Input:[Line IN] (-8dBs) Measuring points:Pin 8 of IC635 and pin 2 of CN641 Reference level at measuring points 400Hz -8dBs (=Cal. level)	1kHz Cal-40dB	+5.7dB 2dB
				5kHz Cal-20dB	+3.5dB 1.5dB
				1kHz Cal 0dB	0dB +0.5/-1 dB

	Items	Adjusting position	Adjusting position	Reference value	Remarks
*2	Adjustment of playing level	While playing the test tape VT724 (1kHz), adjust the CN641 output to -25.5dBs with VR611 and VR621. (The L - R channel output difference should be within 0.5dB).	L:VR611 R:VR621	-25.5dBs ±0.5dB (L-R difference: within 0.5dB)	Adjust the playing level since this level will be changed whenever the head has been changed. At this time, the impedance of electronic voltmeter should be 100 Ω or more.
*3	Adjustment of playing equalizer	While playing the test tape TMT7063 (1kHz and 12.5kHz), adjust the test point TP (CN641) output to the reference values at 1kHz and 12.5kHz outputs with VR612 (Lch) and VR622 (Rch).	L:VR612 R:VR622	With reference to 1kHz, the deviation of 12.5kHz should be 1.5 ±0.5dB	NR : OFF By using the test tape TMT7063 (12.5/1kHz/63Hz), confirm that 63Hz:+2dB ±3dB with reference to 1kHz.
4	Reference value of recording input	Confirm that the input level at the test point TP (CN641) terminal is -25.5dB when 1kHz -28.2dBs has been applied to the line input.		Output level: -25.5dBs ±1dB	
5	Adjustment of bias frequency	Connect the frequency counter to the test points TP631 and TP632 and adjust the bias frequency to 100kHz with	L6351	100kHz +9kHz -1kHz	Tape : chrome Mode : recording
*6	Adjustment of recording and playing frequency characteristics	Record 1kHz/12.5kHz with a normal tape, and adjust the deviation at 12.5kHz to +0 ± 0.5dB with reference to 1kHz by means of VR613 (Lch) and VR623 (Rch).	L:VR613 R:VR623	Normal tape: 0 ±0.5dB Chrome tape: 0 ±4dB	Ref-20dB : [Value reduced by as much as -20dB from the reference input value] ≒28.2dB The bias value in the case of chromium tape will be set by shifting the voltage with reference to that in the case of normal tape. Unless the bias current has been adjusted correctly, the recording characteristics will become as indicated in the diagram on the left hand side.
					

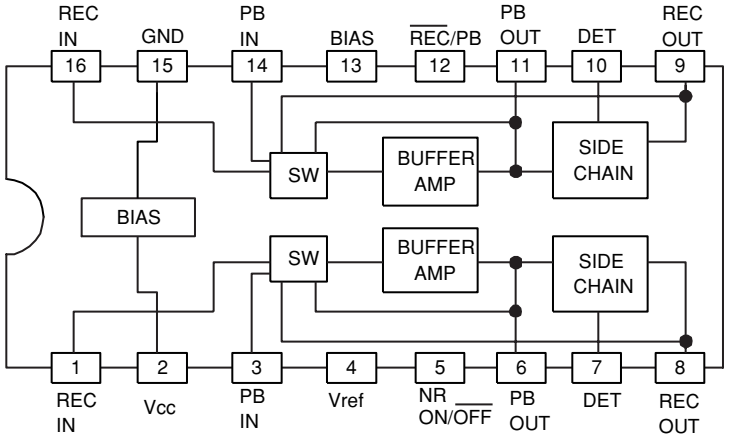
	Items	Adjusting position	Adjusting position	Reference value	Remarks
*7	Adjustment of recording and playing sensitivity	1. While applying 1kHz -28.8dB to the line input terminal, confirm that the sensitivity level at the test point TP_____ is 0dBs. 2. While recording and playing back the above, adjust the recording signal current with VR614 (Lch) and VR624 (Rch) so that the sensitivity level becomes-25.5dBs.	L:VR614 R:VR624	Normam tape: -25.5dBs ±0.5dB Chrome tame: -25.5dBs ±2dB	The left and right level difference of both normal and chrome tape should be within 0.5dB. The sensitivity level should be adjusted with normal tape. NR:OFF Tape:Normal tape
8	Confirmation of recording and playing distortion rate	1. Record the test tapes _____ at 1kHz and reference input. 2. Check the output with a distortion meter while playing back the above test tapes, and confirm that the respective distortion rates comply with the standard value.		Normal tape: 3.0% or less Chrome tape: 3.0% or less	Confirm the distortion rate after adjusting the bias current and recording level.
9	Confirmation of recording and playing S/N ratio	1. Halfway during recording at 1kHz and reference input, sample the input and perform non-signal recording. 2. While playing back the above, measure the difference between the reference recording output and non-signal recording output with an electronic voltmeter, and confirm that the measurement complies with the standard value.		Normal tape: 38dB or over Chrome tape: 40dB or over	
10	Confirmation of erasing rate	1. Apply 400Hz signal (Ref. + 10dB) from the [LINE IN] terminal. 2. After rewinding the above, erase a part of the recorded portion. 3. Measure the ratio of the erased portion to the recorded portion with an electronic voltmeter.		55dB or over	For measuring the erasing ratio, connect a band pass filter(B.P.F) between the electronic voltmeter on the deck. 
11	Confirmation of music scanning action	1. After loading the test tape TMT6447, press the [PLAY] and [FF] buttons or [REW] button. After rewinding the tape, perform music scanning and execute the [PLAY] action. 2. After loading the test tape TMT6447, press the [PLAY] and [FF] buttons or [REW] button. In this case, be sure not to perform music scanning at the beginning of tape winding.			
12	Confirmation of NR effect	While short-circuiting the [LINE IN] terminal input, 1. Confirm the difference of noise level at self-recording and playing when the Dolby is off and Dolby B is on.		8.5dB or over	In this case, use the CCIR ARM filter.

Description of major ICs

■BA8221AN (IC634) : ALC

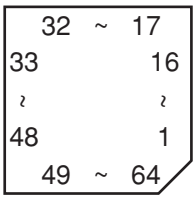


■HA12136A (IC635) : Noise reduction amplifire



■MN171601AJABF (IC671) : System control

1.Pin layout



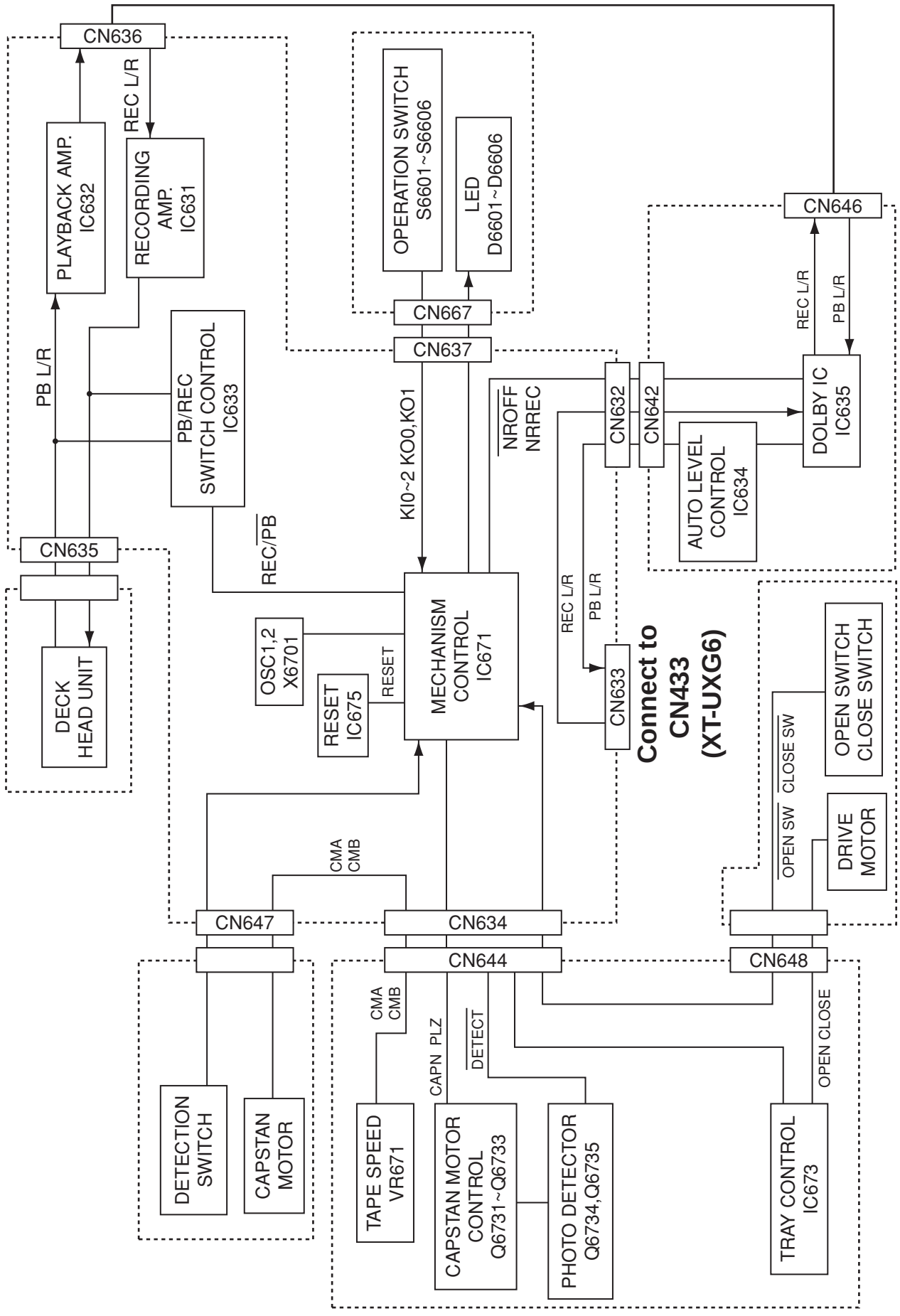
2.Key matrix

	KEYO0	KEYO1
KEYI0	REC PAUSE	STOP
KEYI1	REVERSE	< >
KEYI2	DOLBY B NR	OPEN/CLOSE

3.Pin function

Pin No.	Symbol	I/O	Function
1	REC/$\overline{PB}$	O	Switching to R/P head
2~7	NC	-	Connect to GND
8	MSI	I	Detecting to music scan
9	NC	-	Non connect
10	Cro2/$\overline{NORM}$	O	Detecting to Chrome
11	BIAS	O	Bias output
12	$\overline{NORM}$	O	Switching to playback equalizer (H=70, L=120μ)
13	PBMUTE	O	Playback mute
14	NC	-	Non connect
15	$\overline{NROFF}$	O	Switching to ON/OFF for DOLBY (H=OFF, L=ON)
16	NRREC	O	Switching to REC/PB for used DOLBY (H=PB, L=REC)
17	R.MUTE	O	Recording mute
18	$\overline{BLUE}$	O	Indicator control output
19	$\overline{REC}$	O	Indicator control output (REC)
20	$\overline{REVPLAY}$	O	Indicator control output (REVERSE Play)
21	$\overline{FWDPLAY}$	O	Indicator control output (FORWARD Play)
22	$\overline{REVERSE}$	O	Indicator control output (REVERSE)
23	$\overline{DOLBYB}$	O	Indicator control output (DOLBY B NR)
24~26		-	Non connect
27,28	KO1,KO0	O	Key matrix output
29		-	Non connect
30~32	KI2~0	I	Key matrix input
33	NC	-	Non connect
34	PLZ	O	Plunger ON
35	CAPN	O	Capstan motor ON
36,37	NC	-	Non connect
38	$\overline{REV-RSW}$	I	Detect reverse recording (Recording prohibition)
39		-	Non connect
40	$\overline{PACKSW}$	I	Tape detecting(tape in use:L)(tape ON:L)Tape detect yes or not
41	$\overline{DETECT}$	I	Detecting to reel pulse
42	CroMETALSW	I	Detecting to chrome
43	$\overline{PLAY}$	I	Detecting to play
44	$\overline{FWD-RSW}$	I	(Recordable:L) Detecting to FWD to recording (recording prohibition)
45,46	NC	-	Non connect
47	OPEN	O	Cassette tray : open
48	CLOSE	O	Cassette tray : close
49	$\overline{CLOSESW}$	I	Detecting for cassette tray : close
50	$\overline{OPENSW}$	I	Detecting for cassette tray : open
51	RST	I	CPU Reset input
52	X1	-	Connect to GND
53	X2	-	Non connect
54	VSS	-	Connect to GND
55,56	OSC2,1	I/O	Oscillation terminal
57	VDD	-	Power supply
58~61	NC	-	Connect to GND
62,63	$\overline{DCSO/I}$	I/O	DCS input/output
64	NC	-	Connect to GND

Block diagram (TD-UXG6)



Disassembly method (SP-UXG6)

■Removing the ornament panel assembly

1. Remove the saran board from the speaker box. (Saran board can be detached by pulling the side of saran board forward.) (See Fig.1)
2. A minus driver is inserted in the space between the ornament panel and the cabinet in the bottom part of the main body little by little. (See Fig.4) 3.A minus driver is inserted in a surrounding round of the ornament panel little by little, and the ornament panel is removed. (See Fig.2)

*The wound adheres when the driver is moved up and down with the driver inserted, and inserts in the direction where the driver was inserted.

*It is easy to remove when the driver is chiefly inserted in the place because there is a part which the convex part of the ornament panel has inserted in the concave part on the cabinet.

*The wound must not adhere by using the cloth etc. when it is not easy to remove.

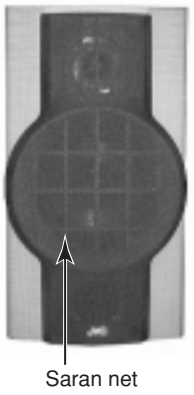


Fig.1

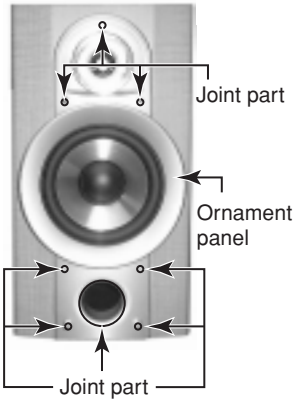


Fig.2

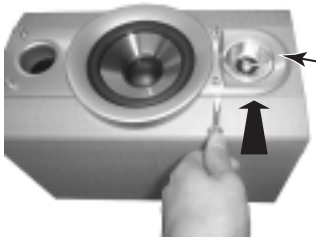


Fig.3

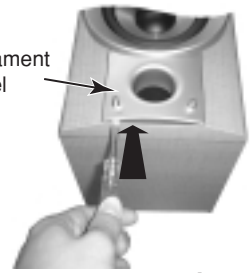


Fig.4

■Removing the tweeter unit (See Fig.5)

1. The ornament panel is removed 2.T wo plug wires(black and yellow) connected with the tweeter unit are pulled out. 3.Remove the two screws A attaching the tweeter unit.

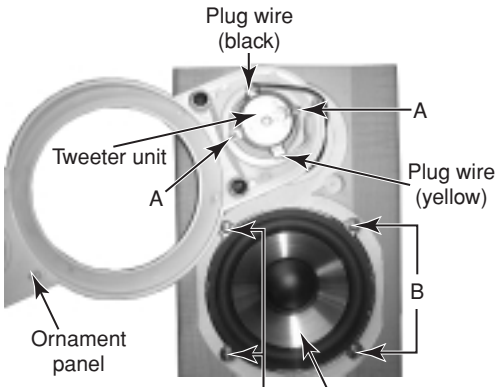


Fig.5

■Removing the woofer unit

1. The ornament panel is removed.
2. Remove the four screws B attaching the woofer unit. (See Fig.5)
3. Two plug wires(red and black/yellow) connected with the woofer unit are pulled out.(See Fig.6)

As parts for the repair of this speaker system,it is only the speaker box assemblies. It is not possible to supply with each part unit.

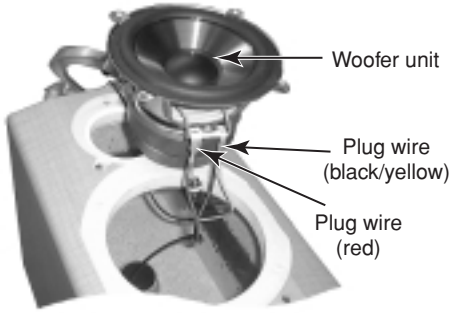


Fig.6

Standard schematic diagrams

■Power transformer section (AX-UXG6)

EXPLANATION OF OVERALL OF SCHEMA
MODEL UX-G6, FS-G6

SHEET No.	MODEL No.	CIRCUITS DESCRIPTION
1/3	AX-UXG6	PRIMARY WITH TRANSFORMER
2/3	AX-UXG6	AUDIO POWER AMPLIFIRE/DC REGULATORS
3/3	AX-UXG6	USER CONTROL KEYS/SYSTEM CONTROL LSI/FL DISPLAY

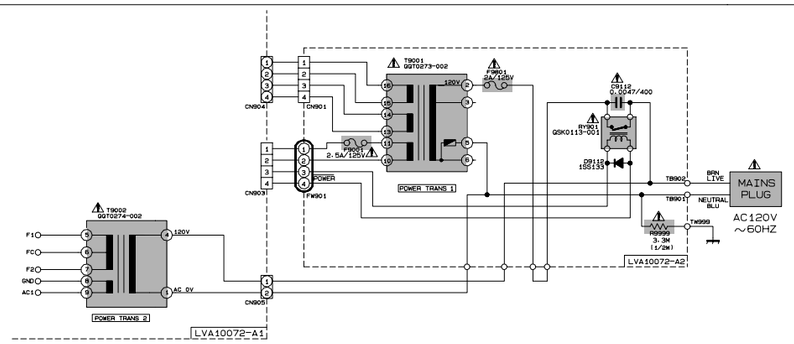
VERSION CODES

J	U.S.A./CANADA
A	AUSTLARIA
B	U.K.
E	CONTINENTAL EUROPE
EN	NORDIC COUNTRIES
EV	EASTERAN EUROPE
EE	RUSSIA
UB	HONKONG
US	SINGAPORE
UP	KOREA
UX	SAUDI-ARABIA
U	UNIVERSAL EXCEPT ALL OF ABOVES

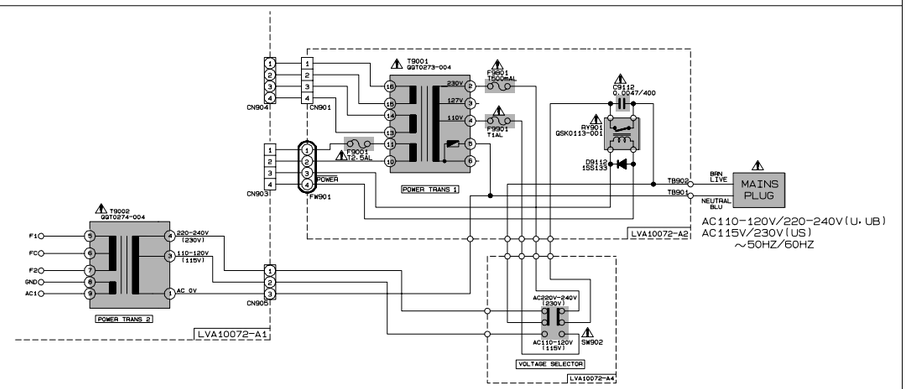
NOTE
MARK(*) IS TO SHOW DEVIATION IN VERSION DETAILS ARE EXPLAINED NEAR MARK.

POWER SUPLLY SECTION

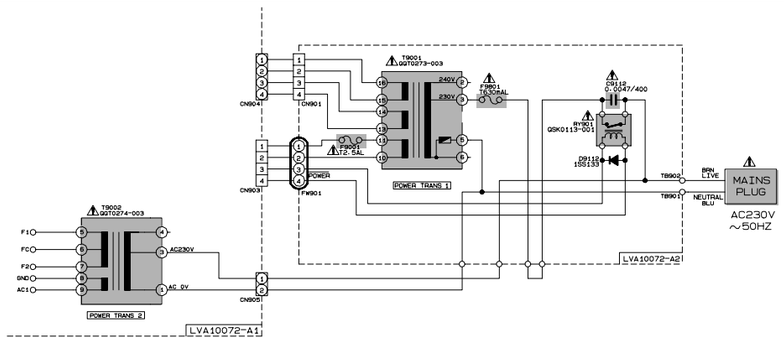
J



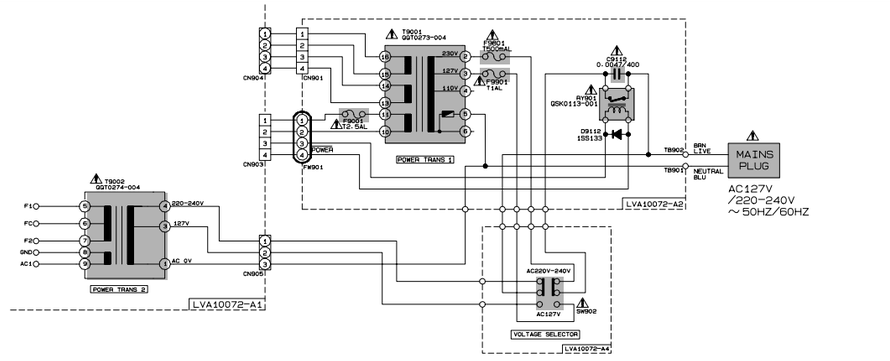
U, UB, US



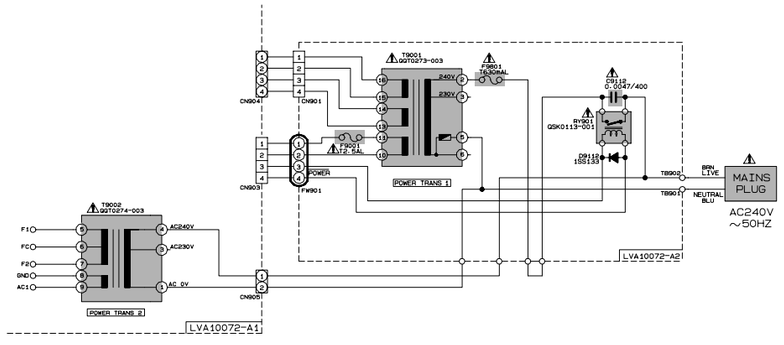
B, E, EN, EV, EE



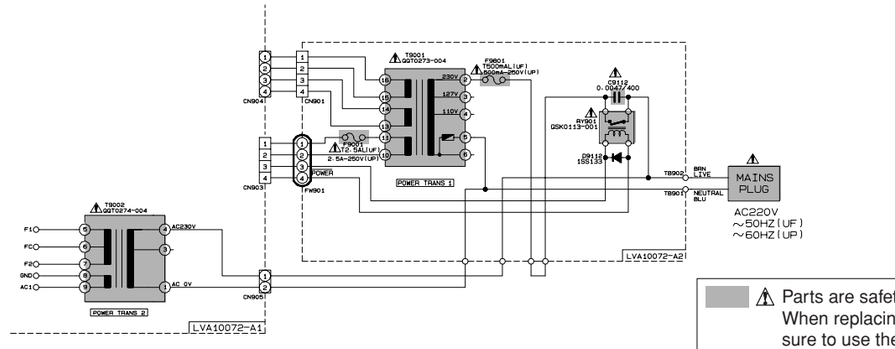
UX



A



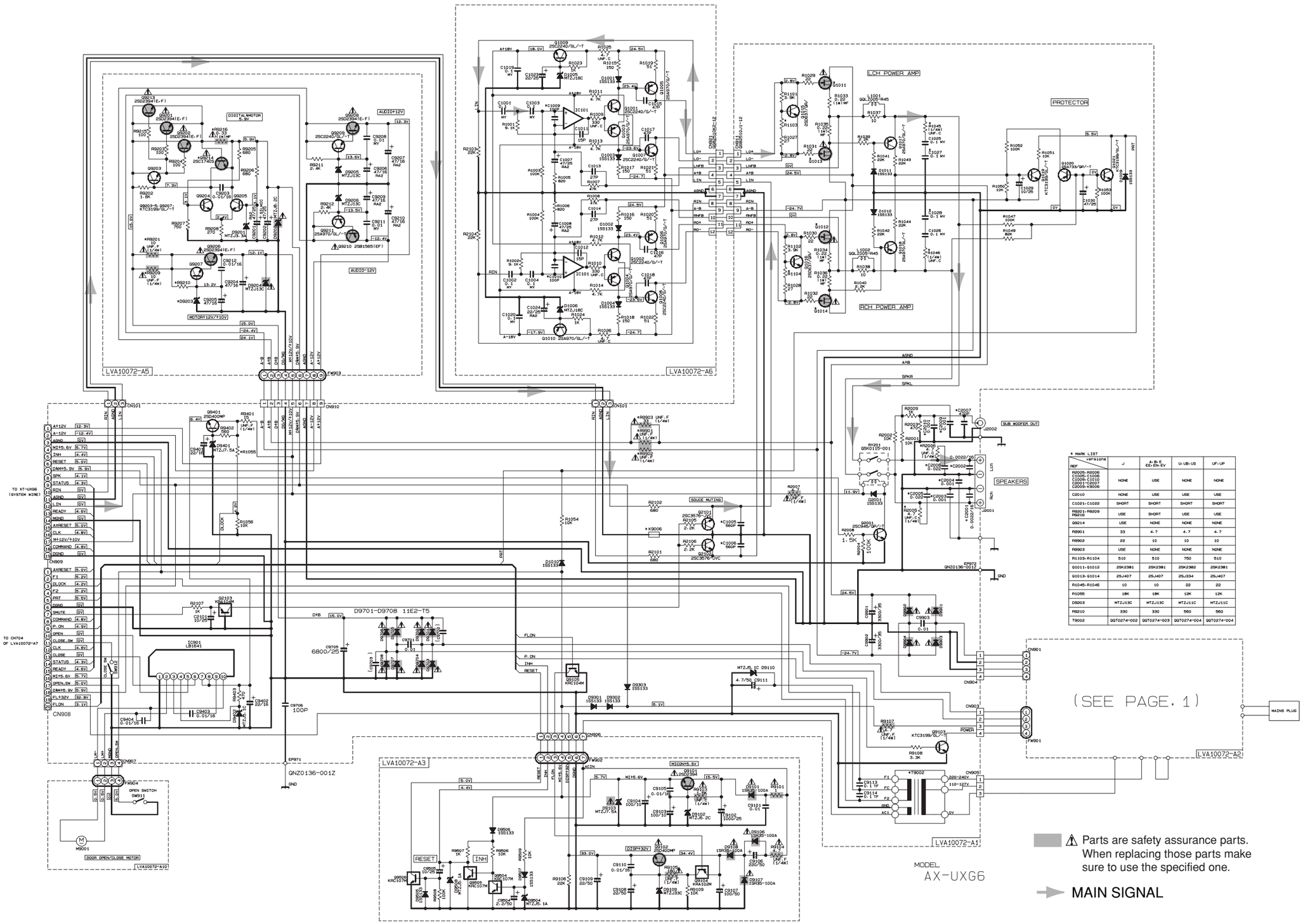
UP, UF



MODEL
AX-UXG6

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

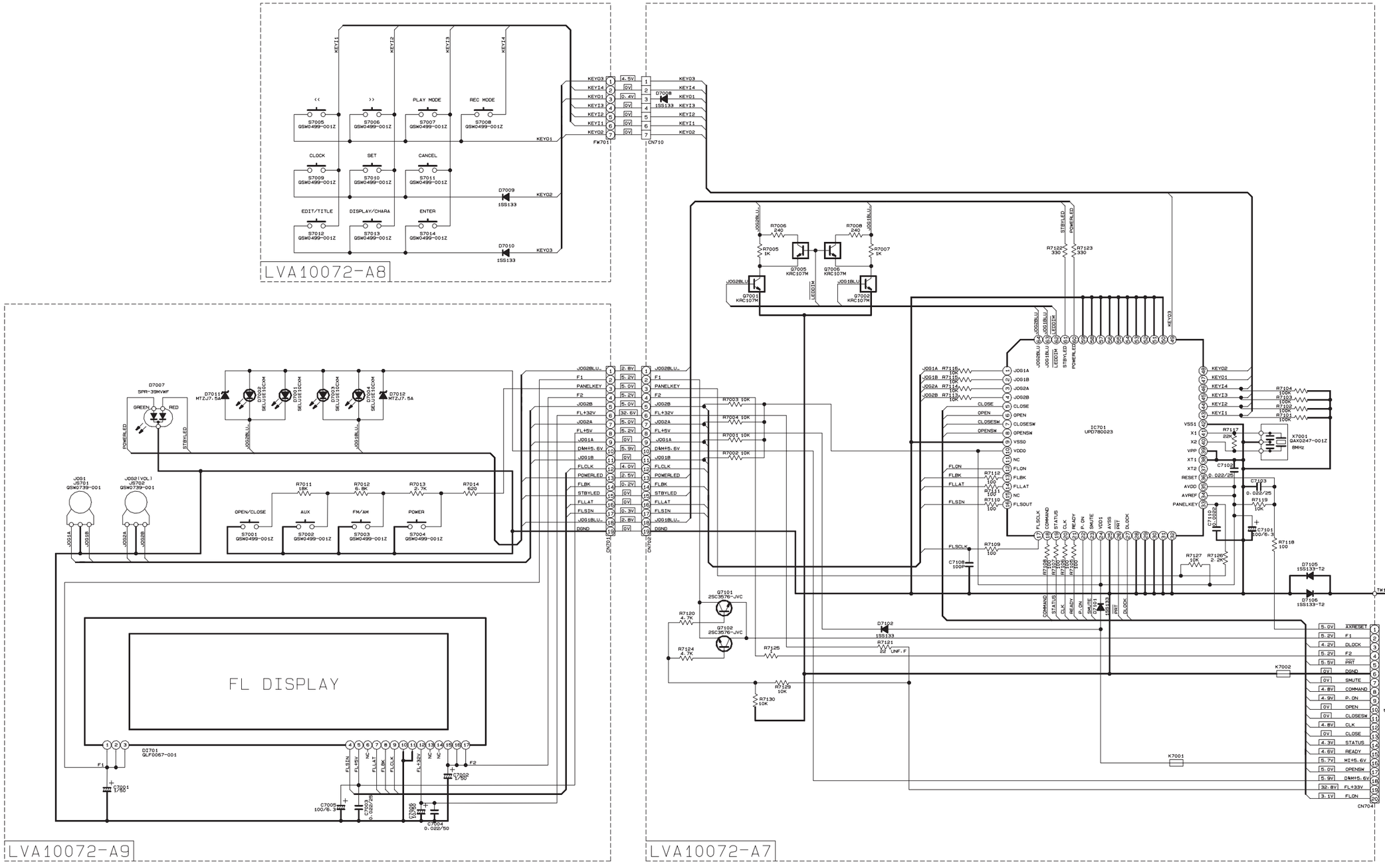
■Main AMP. and power supply section (AX-UXG6)



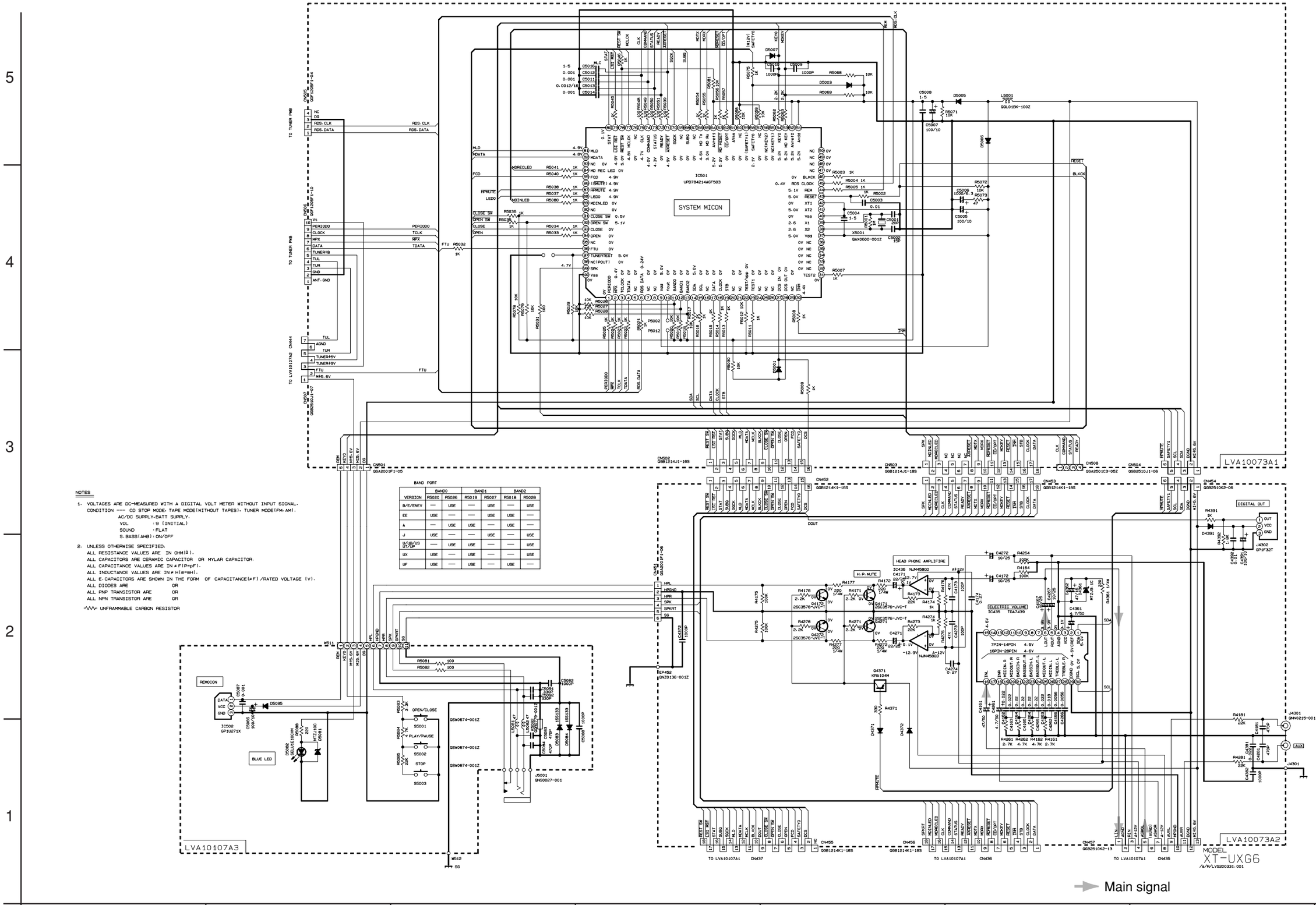
* MARK LIST

versions / REF	J	A-B, E EE-EN-EV	U-UB-US	UF-UP
R2005-R2006 C1005-C1006 C2001-C2002 C2009-K9006	NONE	USE	NONE	NONE
C2010	NONE	USE	USE	USE
C1021-C1022	SHORT	SHORT	SHORT	SHORT
R9201-R9209 R9216	USE	SHORT	USE	USE
Q9214	USE	NONE	NONE	NONE
R9901	33	4.7	4.7	4.7
R9902	22	10	10	10
R9903	USE	NONE	NONE	NONE
R1103-R1104	510	510	750	510
Q1011-Q1012	2SK2381	2SK2381	2SK2382	2SK2381
Q1013-Q1014	2SJ407	2SJ407	2SJ334	2SJ407
R1045-R1046	10	10	22	22
R1055	18K	18K	12K	12K
D9203	MTZJ13C	MTZJ13C	MTZJ11C	MTZJ11C
R9210	330	330	560	560
T9002	0GT0274-002	0GT0274-003	0GT0274-004	0GT0274-004

■FL Display and micom section (AX-UXG6)



■System control section (XT-UXG6)



NOTES

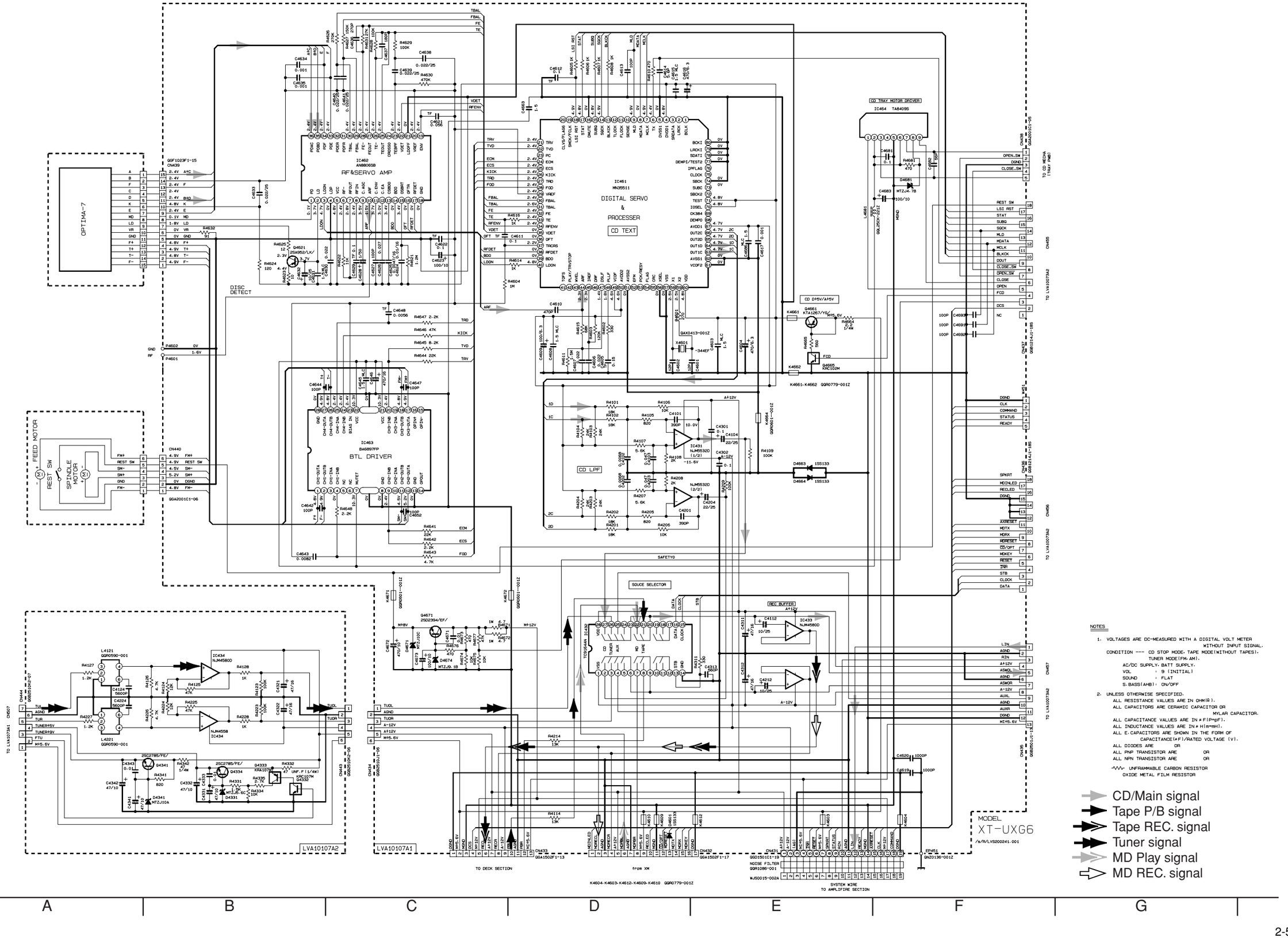
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
   CONDITION ---- CD STOP MODE, TAPE MODE(WITHOUT TAPES), TUNER MODE(FM, AM).
   AC/DC SUPPLY..BATT SUPPLY.
   VOL :9 (INITIAL)
   SOUND :FLAT
   S-BASS(AHB) :ON/OFF

2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
   ALL DIODES ARE OR
   ALL PNP TRANSISTOR ARE OR
   ALL NPN TRANSISTOR ARE OR
   UNFRAMMABLE CARBON RESISTOR

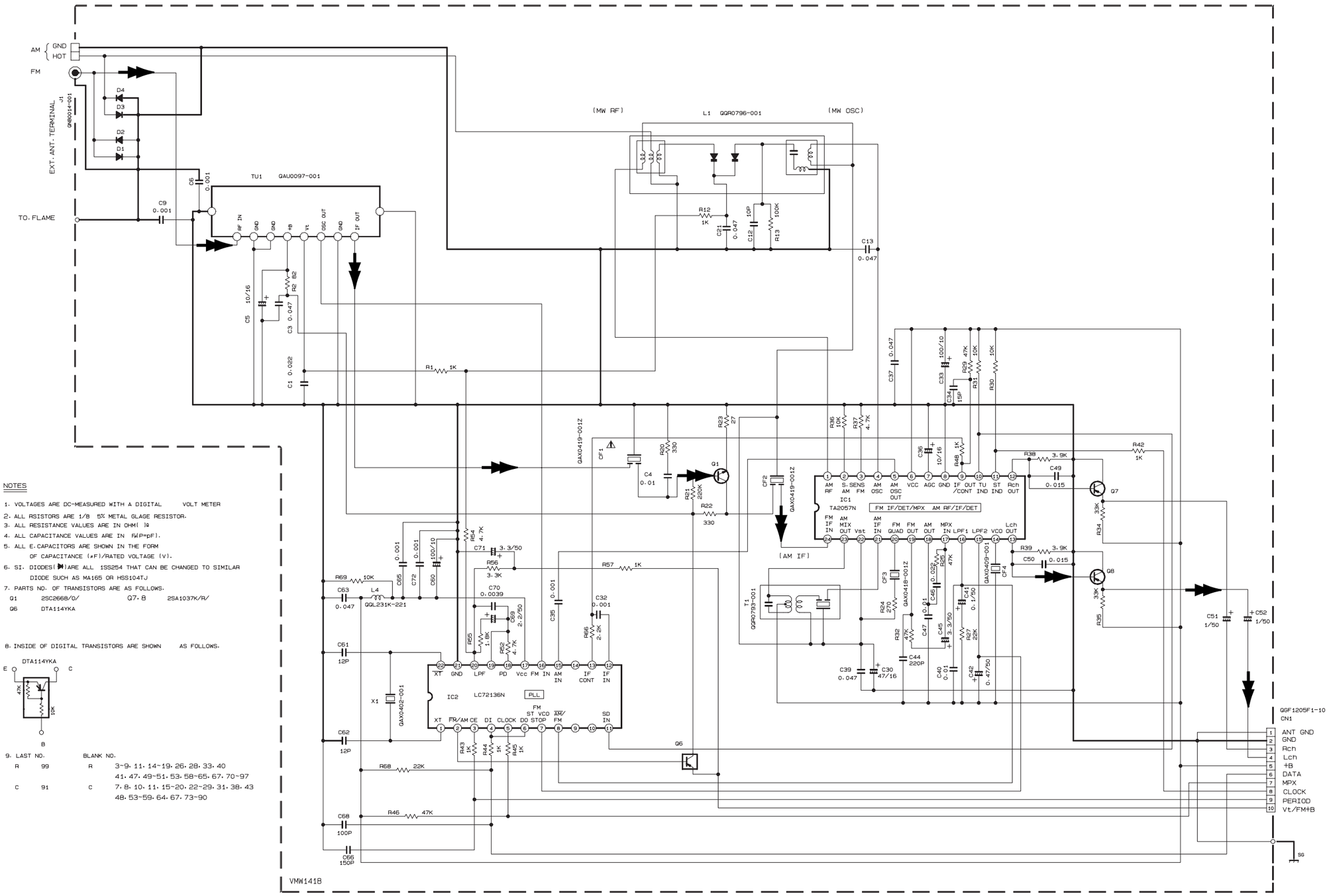
BAND PORT

VERSION	BAND0 R5020	BAND0 R5026	BAND1 R5019	BAND1 R5027	BAND2 R5018	BAND2 R5028
B/E/ENEV	—	USE	—	USE	—	USE
EE	USE	—	—	USE	USE	—
A	—	USE	USE	—	USE	—
J	USE	—	—	USE	—	USE
U/UB/US U1T/UP	—	USE	USE	—	—	USE
UX	USE	—	USE	—	—	USE
UF	USE	—	USE	—	USE	—

■CD Servo control section (XT-UXG6)

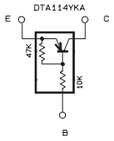


■Tuner section (XT-UXG6 except Ver.J)



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
2. ALL RSISTORS ARE 1/8 5% METAL GLAGE RESISTOR.
3. ALL RESISTANCE VALUES ARE IN OHM(Ω
4. ALL CAPACITANCE VALUES ARE IN μF(P=pF).
5. ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
6. SI. DIODES(▶|)ARE ALL 1SS254 THAT CAN BE CHANGED TO SIMILAR DIODE SUCH AS MA165 OR HSS104TJ
7. PARTS NO. OF TRANSISTORS ARE AS FOLLOWS.
   Q1 2SC2668/O/ Q7. 8 2SA1037K/R/
   Q6 DTA114YKA
8. INSIDE OF DIGITAL TRANSISTORS ARE SHOWN AS FOLLOWS.



9. LAST NO. BLANK NO.
   R 99 R 3~9. 11. 14~19. 26. 28. 33. 40 41. 47. 49~51. 53. 58~65. 67. 70~97
   C 91 C 7. 8. 10. 11. 15~20. 22~29. 31. 38. 43 48. 53~59. 64. 67. 73~90

	CONDITION PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
IC1	FM NO SIGNAL	2.0	0.5	0	2.0	5.1	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.4	3.7	3.7	1.4	0	1.3	1.1	2.0	2.0	5.1	2.0
	FM 60dB STEREO	2.0	0.5	0	2.0	5.1	5.1	1.1	0	0.3	0	0	1.1	1.1	4.3	4.1	3.7	1.4	0	1.4	1.1	2.0	2.0	5.1	2.0
	AM NO SIGNAL	2.0	0.5	0	2.0	5.1	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.5	0.1	0	1.4	1.4	1.5	1.6	2.0	2.0	5.1	2.0
IC2	FM NO SIGNAL	2.4	0	0	1.1	5.0	1.1	3.7	3.7	0	0	5.1	0	0	0	0	2.6	5.1	1.0	1.0	3.7	0	2.7		

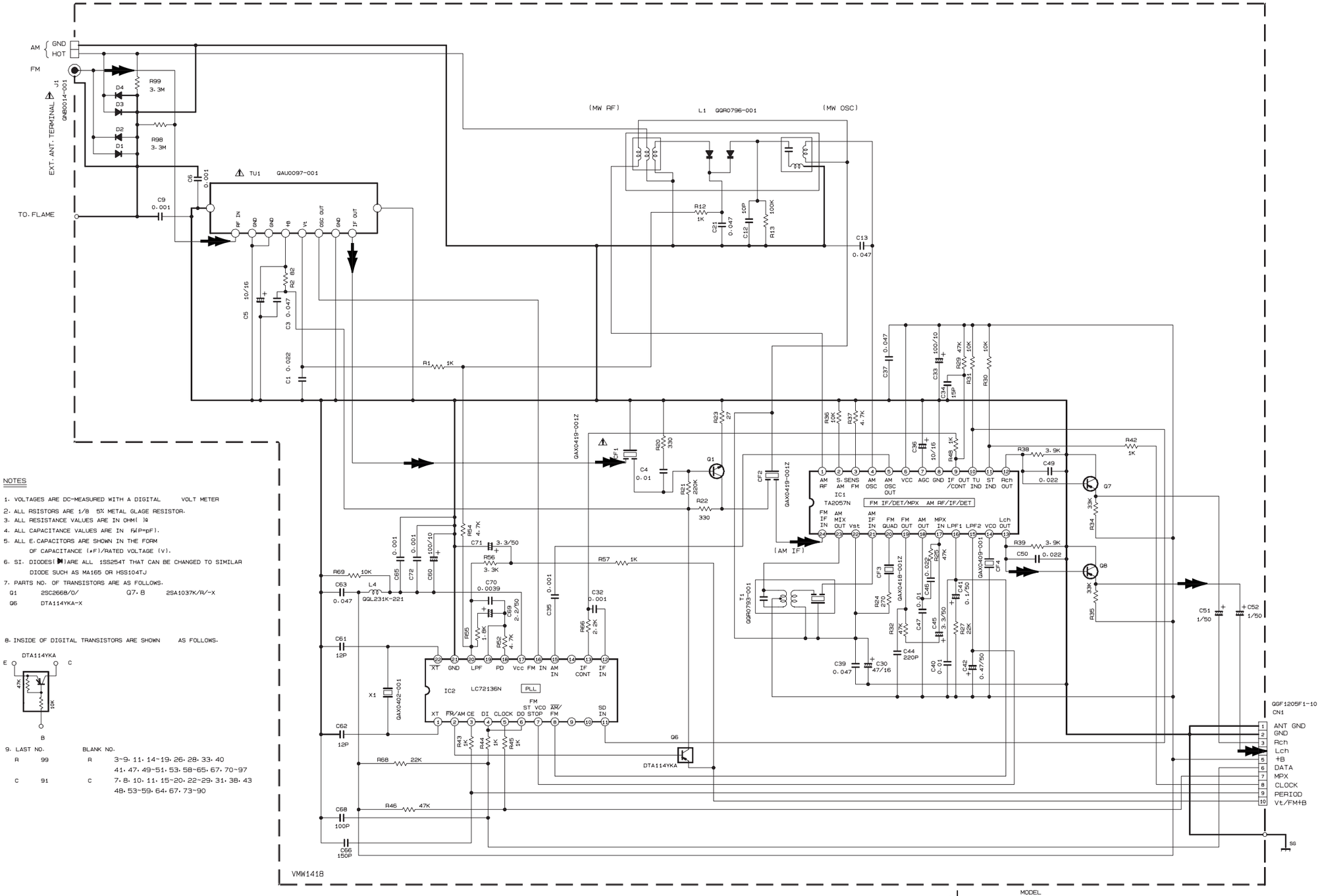
Tr No.	Q1			Q6			Q7			Q8		
PIN NAME	E	C	B	E	C	B	E	C	B	E	C	B
FM 87.5MHz	0	7.5	0.7	8.8	8.8	0	1.6	0	1.1	1.6	0	1.1
AM 520KHz	0	0	0	8.8	0	8.7	1.6	0	1.1	1.6	0	1.1

MODEL
XT-UXG6

U/UB/US/UX/UP/UF

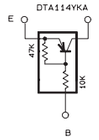
FM/Tuner signal

■Tuner section (XT-UXG6 only Ver.J)



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
2. ALL RSISTORS ARE 1/8 5% METAL GLAGE RESISTOR.
3. ALL RESISTANCE VALUES ARE IN OHM( )Ω
4. ALL CAPACITANCE VALUES ARE IN F(P=pF).
5. ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
6. SI. DIODES( )ARE ALL 1SS254T THAT CAN BE CHANGED TO SIMILAR DIODE SUCH AS MA165 OR HSS104TJ
7. PARTS NO. OF TRANSISTORS ARE AS FOLLOWS.
   Q1 2SC2668/O/ Q7.8 2SA1037K/R/-X
   Q6 DTA114YKA-X
8. INSIDE OF DIGITAL TRANSISTORS ARE SHOWN AS FOLLOWS.



9. LAST NO. BLANK NO.
   R 99 R 3-9. 11. 14-19. 26. 28. 33. 40 41. 47. 49-51. 53. 58-65. 67. 70-97
   C 91 C 7. 8. 10. 11. 15-20. 22-29. 31. 38. 43 48. 53-59. 64. 67. 73-90

	CONDITION PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
IC1	FM NO SIGNAL	2.0	0.5	0	2.0	5.1	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.4	3.7	3.7	1.4	0	1.3	1.1	2.0	2.0	5.1	2.0
	FM 60dB STEREO	2.0	0.5	0	2.0	5.1	5.1	1.1	0	0.3	0	0	1.1	1.1	4.3	4.1	3.7	1.4	0	1.4	1.1	2.0	2.0	5.1	2.0
	AM NO SIGNAL	2.0	0.5	0	2.0	5.1	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.5	0.1	0	1.4	1.4	1.5	1.6	2.0	2.0	5.1	2.0
IC2	FM NO SIGNAL	2.4	0	0	1.1	5.0	1.1	3.7	3.7	0	0	5.1	0	0	0	0	2.6	5.1	1.0	1.0	3.7	0	2.7		

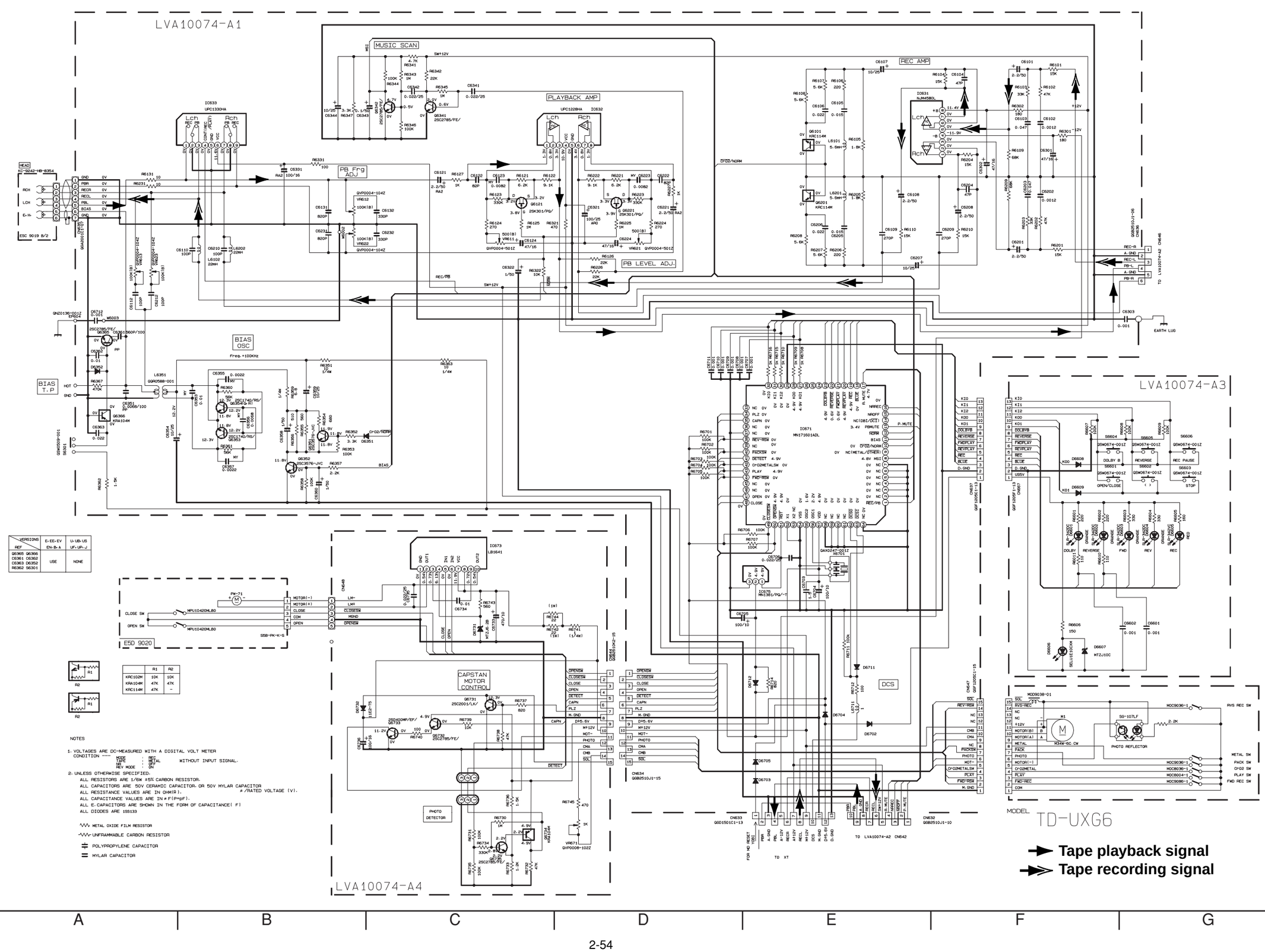
Tr No.	Q1			Q6			Q7			Q8		
PIN NAME	E	C	B	E	C	B	E	C	B	E	C	B
FM 87.5MHz	0	7.5	0.7	8.8	8.8	0	1.6	0	1.1	1.6	0	1.1
AM 520KHz	0	0	0	8.8	0	8.7	1.6	0	1.1	1.6	0	1.1

J

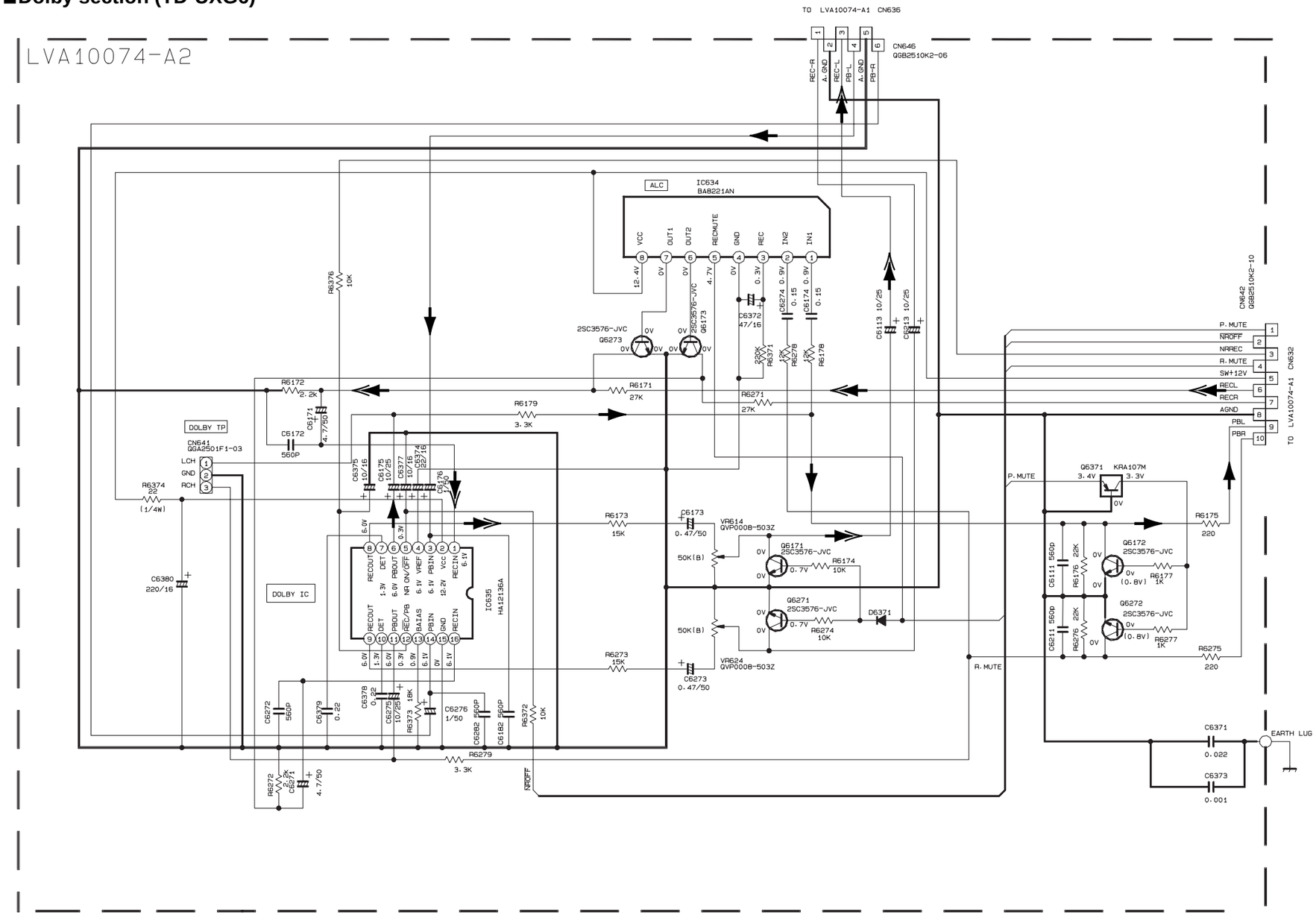
MODEL
XT-UXG6

FM/Tuner signal

■Head AMP. & Mechanism control section (TD-UXG6)



■Dolby section (TD-UXG6)



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
   CONDITION ---- MODE : REC
   TAPE : METAL
   NR : OFF
   REV MODE : ON

2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/6W ±5% CARBON RESISTOR.
   ALL CAPACITORS ARE 50V CERAMIC CAPACITOR. OR 50V MYLAR CAPACITOR
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
   ALL DIODES ARE 1SS133

   ∿∿ FUSIBLE RESISTOR

   PP POLYPROPYLENE CAPACITOR
   MY MYLAR CAPACITOR

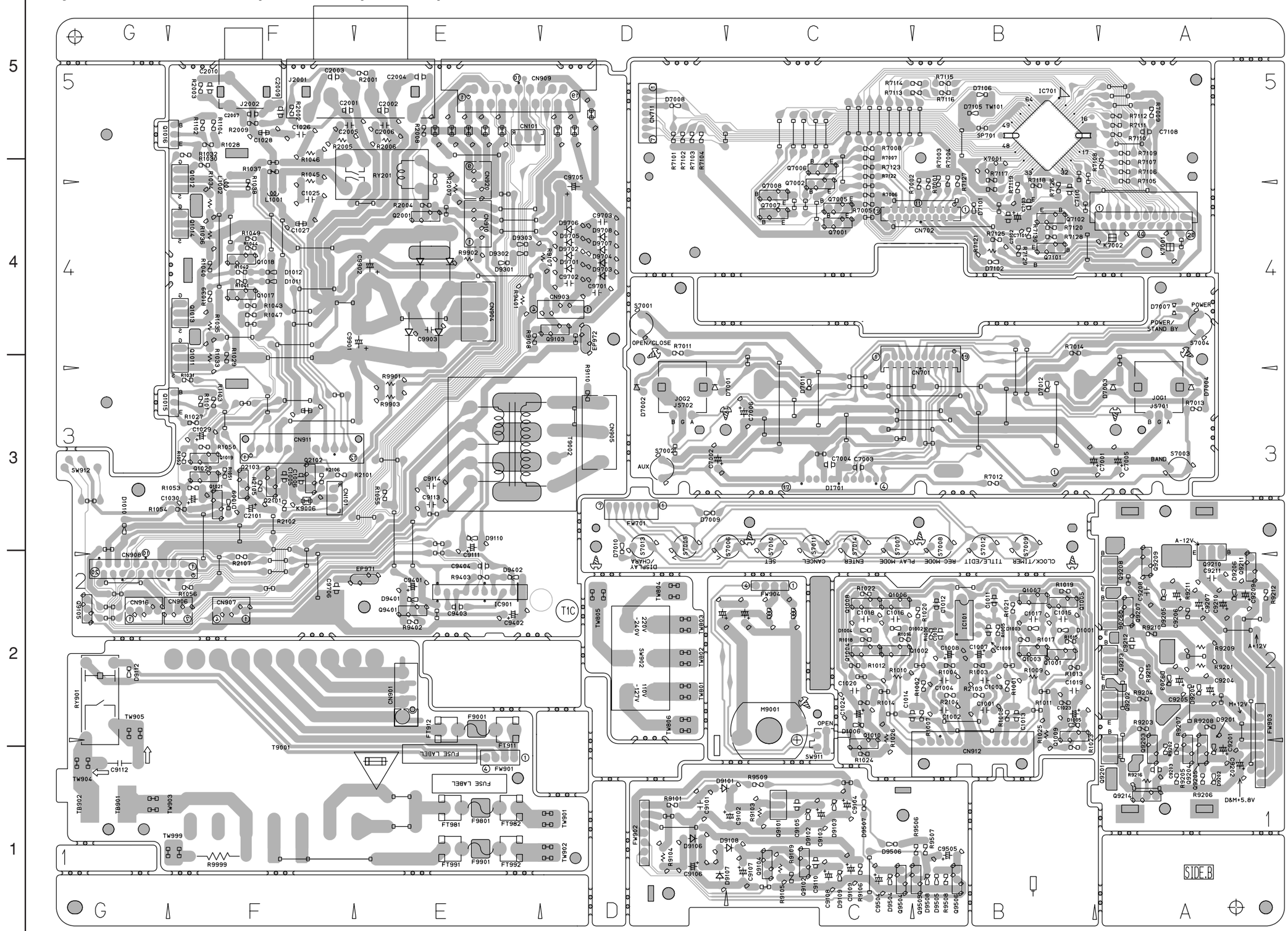
10K
47K
KRA107M

MODEL TD-UXG6

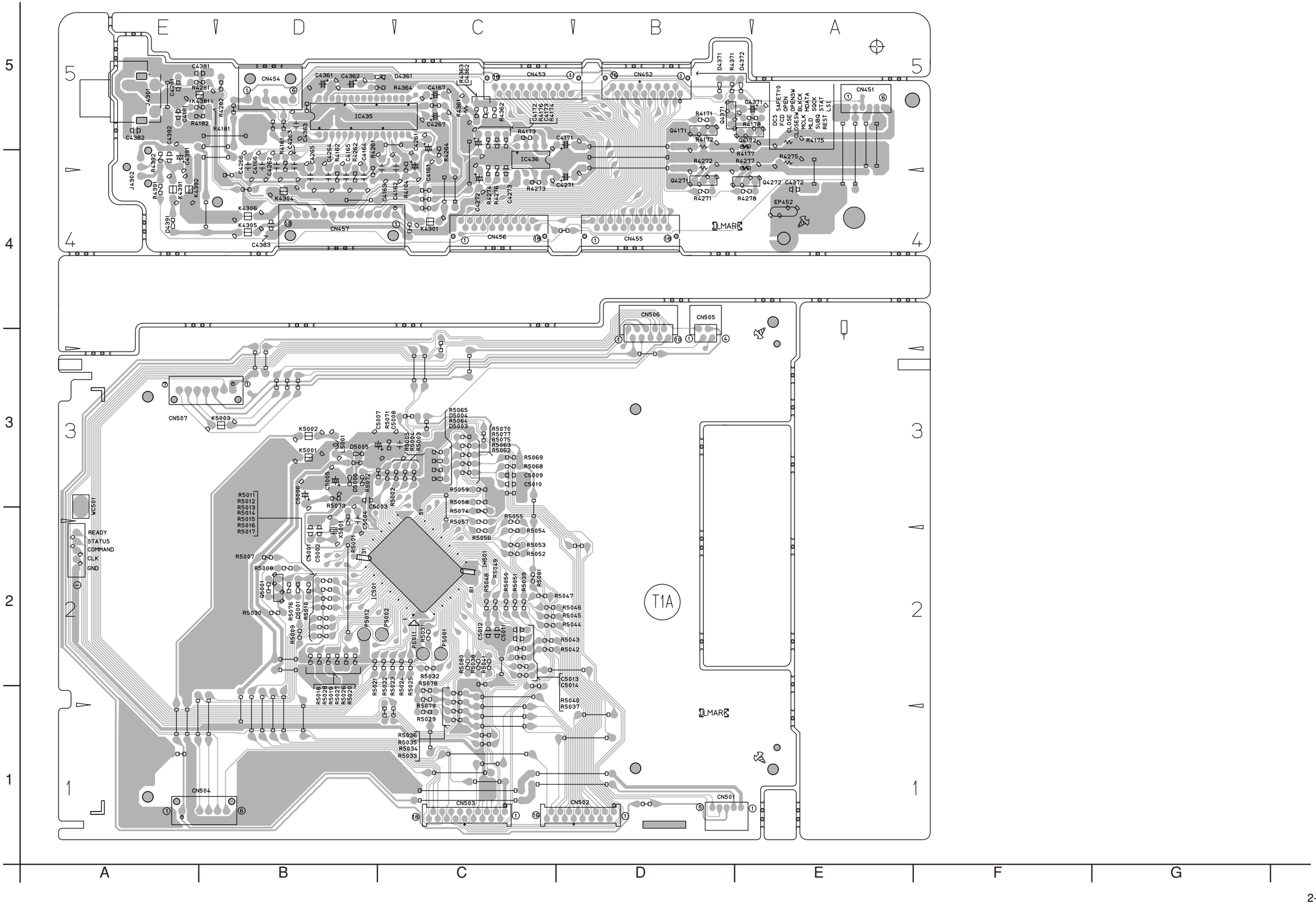
→ Tape playback signal
⇉ Tape recording signal

Printed circuit boards

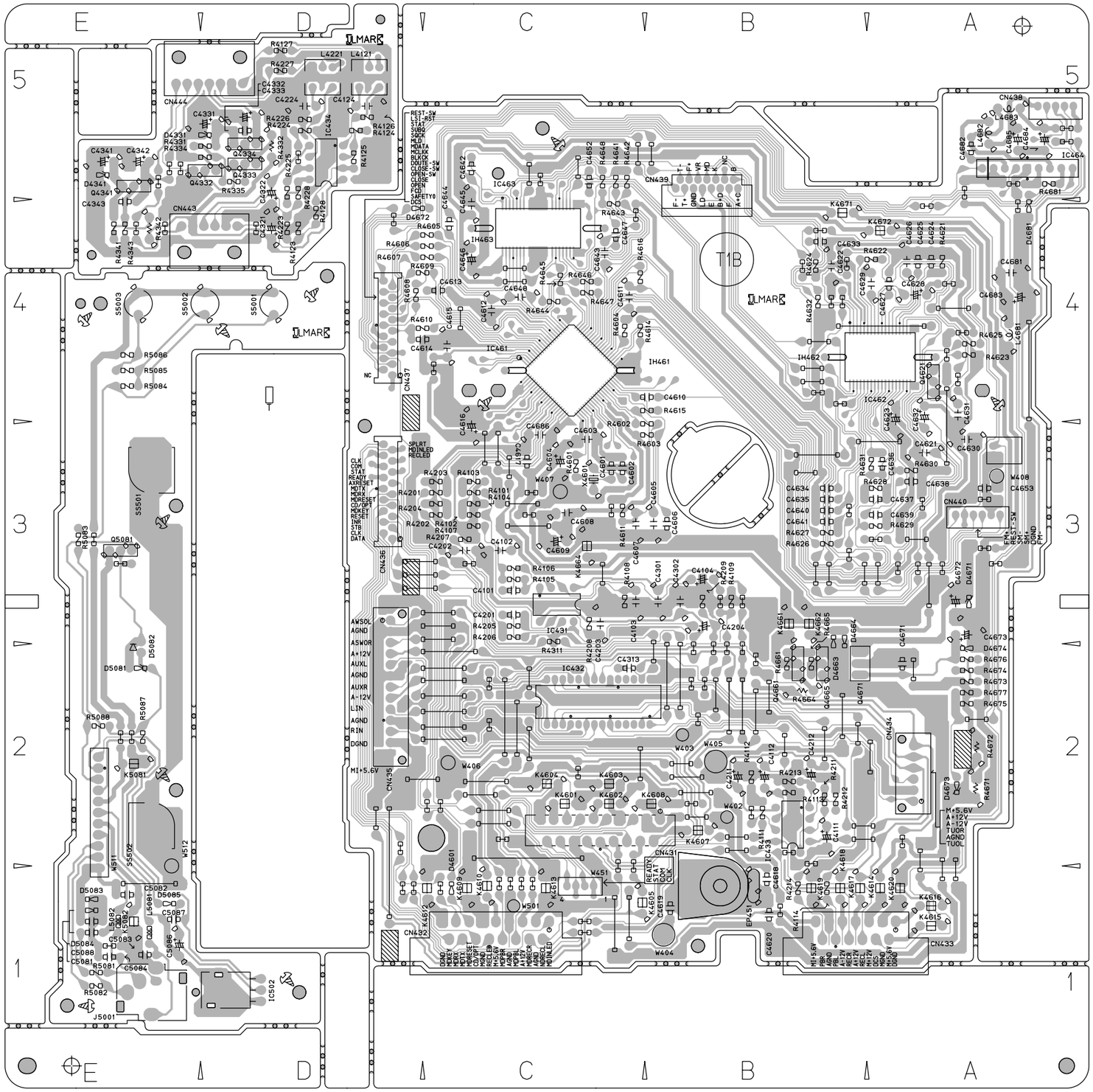
■System control & Main amplifier board (AX-UXG6)



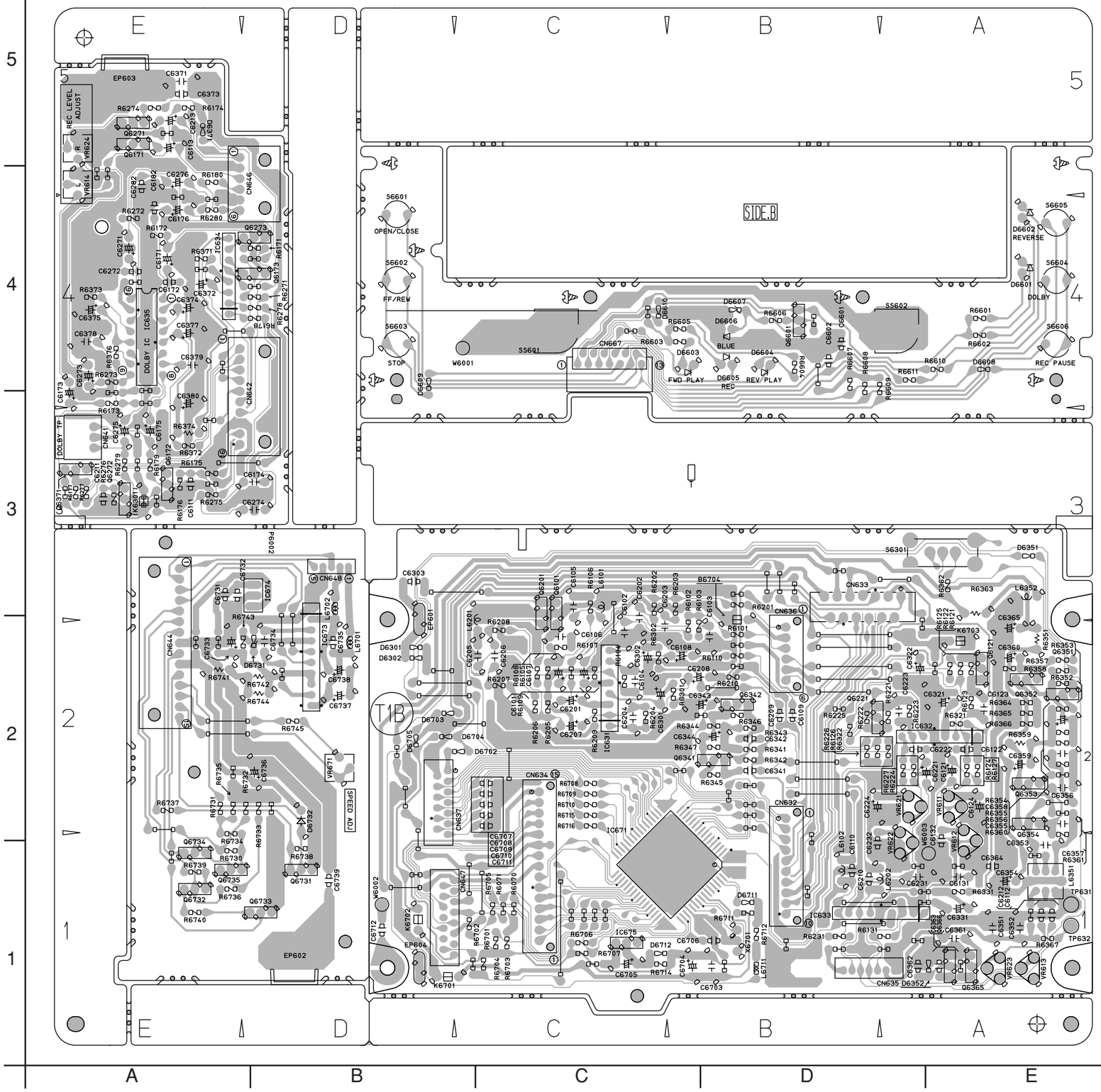
■System control & Analog IN / digital OUT board (XT-UXG6)



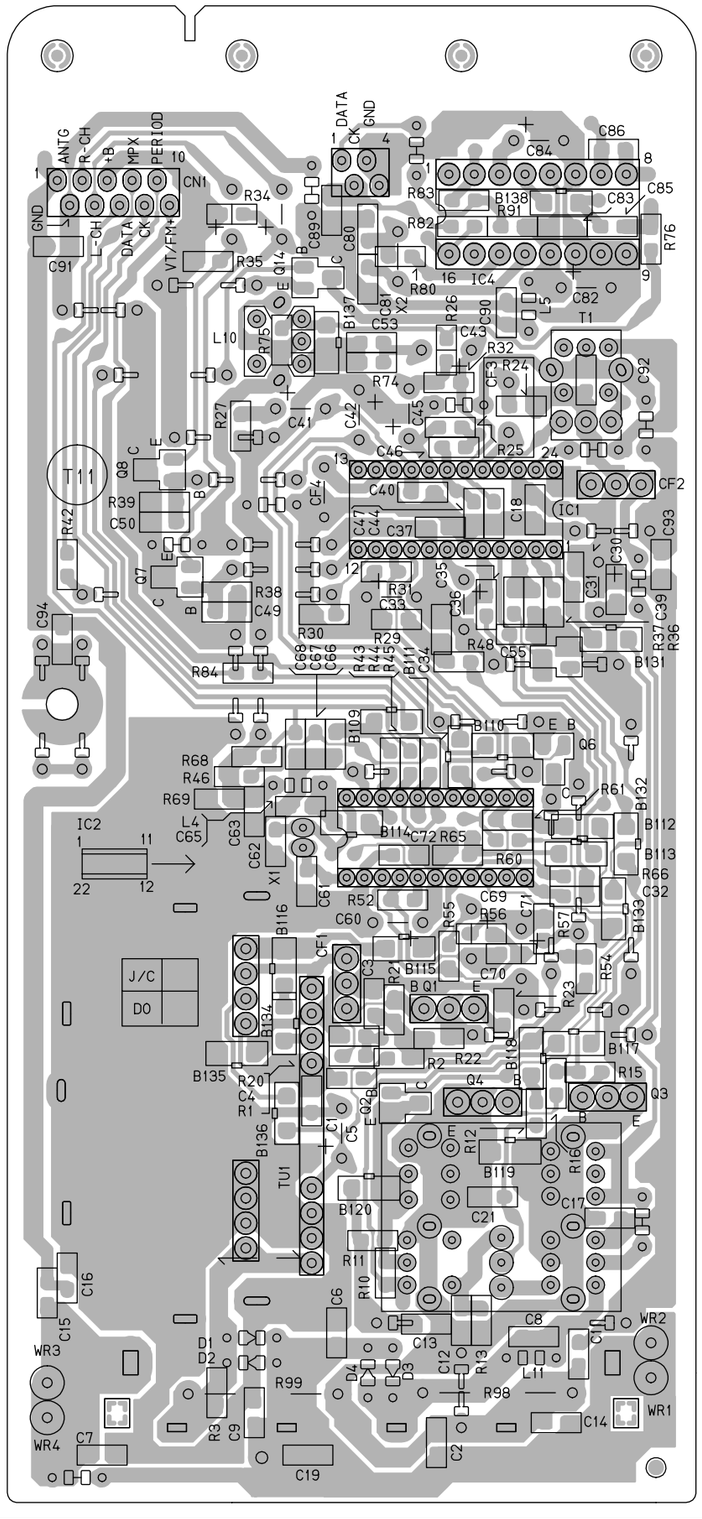
■CD Servo & Main board (XT-UXG6)



■Main board (TD-UXG6)



■Tuner board (TD-UXG6)



PARTS LIST

[UX-G6]

AX-UXG6

XT-UXG6

TD-UXG6

* All printed circuit boards and its assemblies are not available as service parts.

Area Suffix (UX-G6)

UB ..... Hong Kong

UP ..... Korea

U ..... Other Areas

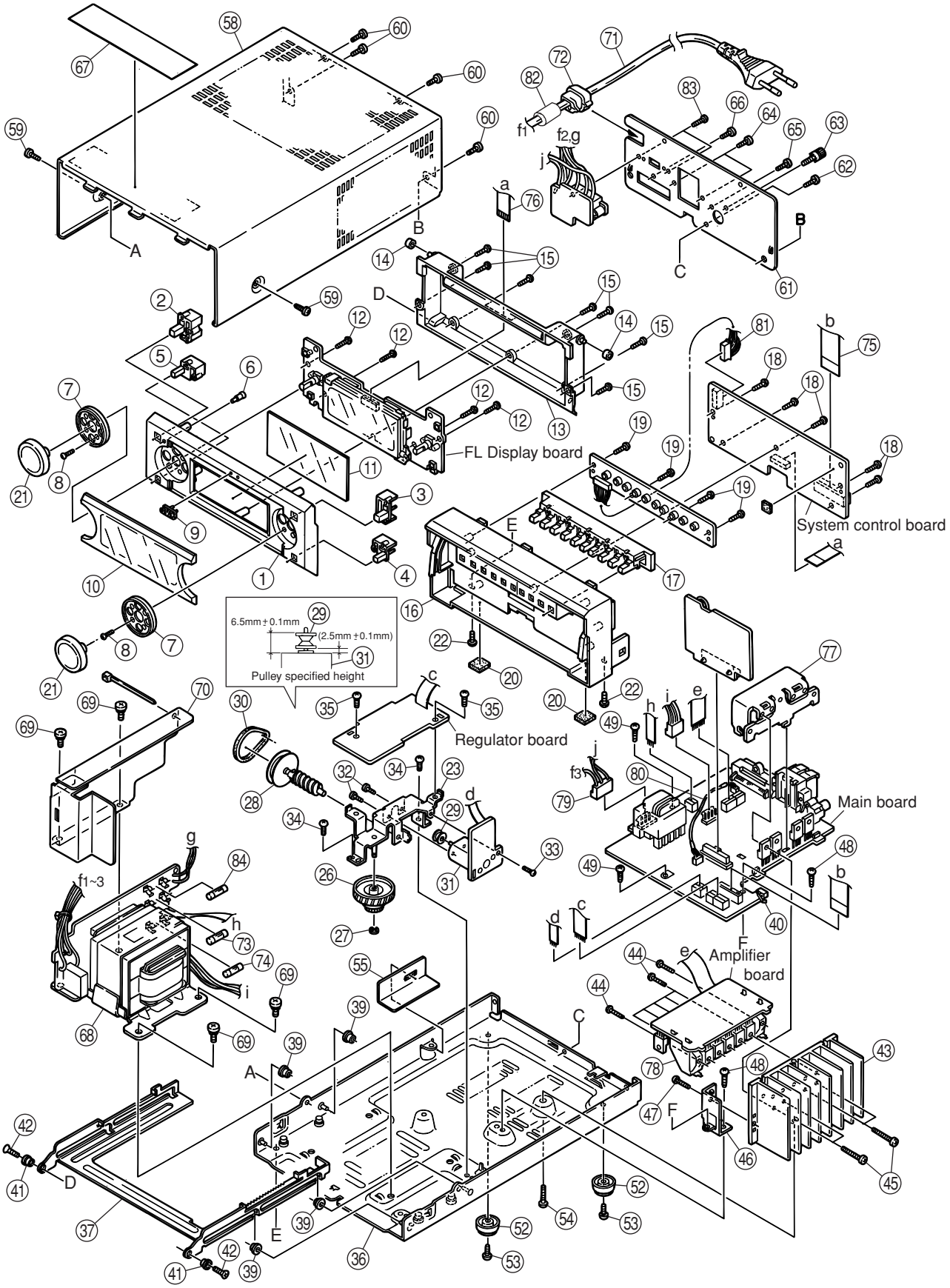
- Contents -

AX-UXG6 ---------- 3 - 2
Exploded view of general assembly and parts list ---------- 3 - 2
Electrical parts list ---------- 3 - 5
XT-UXG6 ---------- 3 - 10
Exploded view of general assembly and parts list ---------- 3 - 10
CD mechanism assembly and parts list ---------- 3 - 12
CD loading base assembly and parts list ---------- 3 - 13
Electrical parts list ---------- 3 - 15
TD-UXG6 ---------- 3 - 20
Exploded view of general assembly and parts list ---------- 3 - 20
Cassette mechanism assembly and parts list ---------- 3 - 22
Electrical parts list ---------- 3 - 27
Packing materials and accessories parts list ---------- 3 - 30

Exploded view of general assembly and parts list

AX-UXG6

Block: No. M 1 M M



■Parts list (AX-UXG6 General assembly)

Block No. M1MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	LV10268-003A	FRONT PANEL	1		
	2	LV41290-002A	PUSH BUTTON	1	POWER PLATING	
	3	LV41291-002A	PUSH BUTTON	1	OP/CL PLATING	
	4	LV41292-002A	PUSH BUTTON	1	AUX PLATING	
	5	LV41293-002A	PUSH BUTTON	1	BAND PLATING	
	6	LV41327-001A	INDICATOR	1		
	7	LV31445-001A	INDICATOR	2	FOR M.JOG/VOL	
	8	QYSBSF2608Z	T.SCREW	2	FOR INDICATOR	
	9	E406971-222	JVC MARK	1		
	10	LV31437-002A	FL LENS	1		
	11	LV40220-006A	FILTER	1		
	12	QYSBSF2608Z	T.SCREW	4	FOR SW PWB	
	13	LV10269-001A	FRONT COVER	1		
	14	LV41302-001A	COLLOR(B)	2		
	15	QYSBSF2608M	SCREW	7	FOR F.PANEL	
	16	LV10266-002A	FRONT BASE	1		
	17	LV20519-001A	EDIT BUTTON	1		
	18	QYSBSF2608Z	T.SCREW	5	FOR MICON PWB	
	19	QYSBSF2608Z	T.SCREW	4	FOR EDIT SW PWB	
	20	E75896-002	FELT SPACER	2	FOR FOOT	
	21	LV31444-001A	JOG KNOB	2		
	22	QYSBST3006Z	T.SCREW	2	FOR F.BASE+B.CHASSIS	
	23	LV31489-001A	MOTOR BKT ASS'Y	1		
	26	LV41304-001A	WORM WHEEL	1		
	27	QYREE2000X	E RING	1		
	28	VYH8090-001SC	GEAR 1	1		
	29	LV41303-001A	PULLY	1		
	30	VKB3000-183	BELT	1		
	31	PWN10EB12A5	DC.MOTOR	1		
	32	QYSPSPT2020Z	MINI SCREW	2	FOR MOTOR	
	33	QYSBST2005Z	T.SCREW	1	FOR PWB+M.BKT	
	34	QYSBST3006Z	T.SCREW	2	FOR B.CHAS+M.BK	
	35	QYSBST3006Z	T.SCREW	2	FOR M.BKT+PWB	
	36	LV10289-001A	B.CHASSIS ASS'Y	1		
	37	LV20518-001A	ARM BRACKET	1		
	39	LV41301-001A	COLLOR(A)	4		
	40	QSW0874-001	SWITCH	1	SW912	
	41	LV41305-001A	COLLOR(C)	2		
	42	QYSSSF2608Z	SCREW	2		
	43	LV31442-001A	HEAT SINK	1		
	44	QYSBSF2608Z	T.SCREW	7	FOR LV31446-001	
	45	QYSDSF2612E	SCREW	4	FOR LV31447-001	
	46	LV31443-001A	HEAT SINK BKT	1		
	47	QYSBSF2608Z	T.SCREW	1	H.S.BKT+H.SINK	
	48	QYSBST3006Z	T.SCREW	1	H.S.BKT+B.CHASSIS	
	49	QYSBST3006Z	T.SCREW	2	B.CHASSIS+PWB	
	50	QYSBST3006Z	T.SCREW	1	H.S.BKT+PWB	
	52	E47227-029	FOOT	2		

■Parts list (AX-UXG6 General assembly)

Block No. M1MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	53	QYSBST3006Z	T.SCREW	2	FOR FOOT	
	54	QYSBSG3010E	T.SCREW	1	FOR HEAT SINK	
	55	LV41621-001A	BARRIER(B)	1	FOR HEAT SINK	
	58	LV10273-001A/S/	METAL COVER	1		
	59	QYSDSG3008N	T.SCREW	2	M.COVER+B.CHASSIS	
	60	QYSDSG3008N	T.SCREW	4	M.COVER+R.PANEL	
	61	LV20526-018A	REAR PANEL	1		UP
		LV20526-012A	REAR PANEL	1		U,UB
	62	QYSDSG3008N	T.SCREW	1		
	63	E409257-001	GND TERMINAL	1		
	64	QYSDSG3008N	T.SCREW	2	FOR SPK TERMINAL	
	65	QYSDSG3008N	T.SCREW	1	FOR SUB WOOFER	
	66	QYSDSG3008N	T.SCREW	1	FOR SYS.CONNECT	
	67	LV41755-001A	CAUTION LABEL	1		
⚠	68	QQT0273-004	POWER TRANSF	1	T001	
	69	QYSDSTL4008E	SPECIAL SCREW	4	FOR TRANS	
	70	LV31816-002A	BARRIER(A)	1	FOR TRANS	
⚠	71	QMPK090-205-JN	POWER CORD	1		U
⚠		QMPN100-200-JD	POWER CORD	1		UB
⚠		EMP7000-200	POWER CORD	1		UP
	72	QZW0033-001	STRAIN RELIEF	1		
⚠	73	QMF51E2-R50-J1	FUSE	1	F9801	
⚠	74	QMF51E2-2R5-J1	FUSE	1	F9001	
	75	QUQB12-2018BJ	FFC WIRE	1		
	76	QUQ810-1911AJ	FFC WIRE	1		
	77	LV31447-001A	HOLDER	1	FOR Q1011-Q1014	
	78	LV31446-001A	IC BRACKET	1	FOR Q9201-	
	79	WJK0081-001A	E-SI C WIRE C-B	1		UP
		WJK0075-001A	E-SI C WIRE C-B	1		U,UB
	80	QJQ007-032001	SHI CR B-B WIRE	1		
	81	QJK018-070907	SIN CR C-B WIRE	1		
	82	QQR0216-001	NOISE FILTER	1		
	83	QYSBSG2608M	T.SCREW	2		U,UB
⚠	84	QMF51E2-1R0-J1	FUSE	1	F9901	U,UB

■Electrical parts list (System control & Main amplifier board) Block No. 01

⚠	Item	Parts number	Parts name	Remarks	Area
	CN701	QGF1016F3-19	CONNECTOR		
	CN702	QGF1016C1-19	CONNECTOR		
	CN704	QGF1201F3-20	FFC/FPC CONNE		
	CN711	QGA2001C1-07	7P PLUG ASSY		
	CN901	QJK024-041504	SIN CR C-B WIRE		
	CN903	QGA2501C3-04Z	CONNECTOR		
	CN904	QGA3901C1-04	4P CONNECTOR		
	CN905	QGA7901C1-03	CONNECTOR		
	CN906	QGD2501C1-03Z	SOCKET	CN906	
	CN907	QGD2501C1-04Z	SOCKET	DOOR OPEN/CLOSE	
	CN908	QGF1201C3-20	FFC/FPC CONNE	TO FRONT(CN704)	
	CN909	QGA1502F1-19	19P CONNECTOR	TO XT-UXG6	
	CN910	QGD2501C1-05Z	SOCKET	CN910	
	CN911	QGB2510J1-12	CONNECTOR		
	CN912	QGB2510K2-12	CONNECTOR		
	CN916	QGD2501C1-04Z	SOCKET	CN906	
	CN920	QGD2501C1-04Z	SOCKET	CN910	
	C1001	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1002	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1003	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1004	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1007	QTE1E28-476Z	E CAPACITOR		
	C1008	QTE1E28-476Z	E CAPACITOR		
	C1009	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C1010	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C1011	QCS11HJ-150	C CAPACITOR	15PF 5% 50V	
	C1012	QCS11HJ-150	C CAPACITOR	15PF 5% 50V	
	C1013	QCS11HJ-270	C CAPACITOR	27PF 5% 50V	
	C1014	QCS11HJ-270	C CAPACITOR	27PF 5% 50V	
	C1015	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C1016	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C1017	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C1018	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C1019	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1020	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1023	QER61EM-226Z	E CAPACITOR	22MF 20% 25V	
	C1024	QTE1E28-226Z	E CAPACITOR		
	C1025	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1026	QFZ0202-104Z	M CAPACITOR	.10MF	
	C1027	QFLC1HJ-104Z	M CAPACITOR	.10MF 5% 50V	
	C1028	QFLC1HJ-104Z	M CAPACITOR	.10MF 5% 50V	
	C1029	QER61EM-106Z	E CAPACITOR	10MF 20% 25V	
	C1030	QETC1EM-476Z	E CAPACITOR	47MF 20% 25V	
	C2010	QDGB1HK-102Y	C CAPACITOR		
	C2101	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C7001	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C7002	QETC1HM-105Z-JB	E CAPACITOR	1.0MF 20% 50V	
	C7003	QDVB1EZ-223Y	C CAPACITOR		
	C7004	QCBB1HK-223Y	C CAPACITOR	.022MF 10% 50V	
	C7005	QETC0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C7006	QER61HM-106Z	E CAPACITOR	10MF 20% 50V	
	C7101	QETC0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C7102	QDVB1EZ-223Y	C CAPACITOR		
	C7103	QDVB1EZ-223Y	C CAPACITOR		
	C7108	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C7110	QDXB1CM-222Y	C.CAPA IM		
	C9101	QCF11HZ-103	C CAPACITOR	.010MF +80:-20%	
	C9102	QETM1EM-108	E CAPACITOR	1000MF 20% 25V	
	C9103	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C9104	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C9105	QDYB1CM-103Y	C.CAPACITOR		
	C9106	QETC1HM-227Z	E CAPACITOR	220MF 20% 50V	
	C9107	QETC1HM-107Z	E CAPACITOR	100MF 20% 50V	

⚠	Item	Parts number	Parts name	Remarks	Area
	C9108	QETC1HM-226Z	E CAPACITOR	22MF 20% 50V	
	C9109	QETC1HM-226Z	E CAPACITOR	22MF 20% 50V	
	C9110	QDYB1CM-103Y	C.CAPACITOR		
	C9111	QER61HM-475Z	E CAPACITOR	4.7MF 20% 50V	
⚠	C9112	QCZ9019-472	C CAPACITOR	4700PF	
	C9113	QFVF1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C9114	QFVF1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C9201	QTE1E28-476Z	E CAPACITOR		
	C9202	QTE1C06-476Z	E CAPACITOR		
	C9203	QDYB1CM-103Y	C CAPACITOR		
	C9204	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C9205	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C9206	QTE1C28-476Z	E CAPACITOR		
	C9207	QTE1C28-476Z	E CAPACITOR		
	C9208	QFZ0202-103Z	M CAPACITOR	.010MF	
	C9209	QTE1C28-476Z	E CAPACITOR		
	C9210	QTE1C28-476Z	E CAPACITOR		
	C9211	QFZ0202-103Z	M CAPACITOR	.010MF	
	C9212	QDYB1CM-103Y	C CAPACITOR		
	C9401	QETC1CM-226Z-JB	E CAPACITOR	22MF 20% 16V	
	C9402	QER61CM-226Z	E CAPACITOR	22MF 20% 16V	
	C9403	QDYB1CM-103Y	C.CAPACITOR		
	C9404	QDYB1CM-103Y	C.CAPACITOR		
	C9504	QETC1HM-225Z-JB	E CAPACITOR	2.2MF 20% 50V	
	C9505	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C9701	QCF11HZ-103	C CAPACITOR	.010MF +80:-20%	
	C9705	QETM1EM-688	E CAPACITOR	6800MF 20% 25V	
	C9706	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C9901	QTE1V27-338	E CAPACITOR		
	C9902	QTE1V27-338	E CAPACITOR		
	C9903	QCF11HZ-103	C CAPACITOR	.010MF +80:-20%	
	DI701	QLF0067-001	FL TUBE		
	D1001	1SS133-T2	SI DIODE		
	D1002	1SS133-T2	SI DIODE		
	D1003	1SS133-T2	SI DIODE		
	D1004	1SS133-T2	SI DIODE		
	D1005	MTZJ18C-T2	Z.DIODE	+18V	
	D1006	MTZJ18C-T2	Z.DIODE	-18V	
	D1009	1SS133-T2	SI DIODE		
	D1010	1SS133-T2	SI DIODE		
	D1011	1SS133-T2	SI DIODE		
	D1012	1SS133-T2	SI DIODE		
	D2001	1SS133-T2	SI DIODE		
	D7001	SELU1E10CXM	LED	JOG2 BLUE	
	D7002	SELU1E10CXM	LED	JOG2 BLUE	
	D7003	SELU1E10CXM	LED	JOG1 BLUE	
	D7004	SELU1E10CXM	LED	JOG1 BLUE	
	D7007	SPR-39MVWF	LED	STBY/POWER LED	
	D7008	1SS133-T2	SI DIODE		
	D7009	1SS133-T2	SI DIODE		
	D7010	1SS133-T2	SI DIODE		
	D7011	MTZJ7.5A-T2	Z.DIODE	FOR BLUE LED	
	D7012	MTZJ7.5A-T2	Z.DIODE	FOR BLUE LED	
	D7101	1SS133-T2	SI DIODE		
	D7102	1SS133-T2	SI DIODE		
	D7105	1SS133-T2	SI DIODE		
	D7106	1SS133-T2	SI DIODE		
⚠	D9101	1SR35-400A-T5	DIODE		
	D9102	MTZJ6.2C-T2	Z.DIODE		
⚠	D9103	MTZJ7.5A-T2	Z.DIODE		
⚠	D9106	1SR35-400A-T5	DIODE		
⚠	D9107	1SR35-400A-T5	DIODE		
⚠	D9108	1SR35-400A-T5	DIODE		

■Electrical parts list (System control & Main amplifier board) Block No. 01

⚠	Item	Parts number	Parts name	Remarks	Area
	D9109	MTZJ33C-T2	Z DIODE		
	D9110	MTZJ5.1C-T2	ZENER DIODE		
	D9112	1SS133-T2	SI DIODE		
⚠	D9201	MTZJ3.3A-T2	ZENER DIODE		
⚠	D9202	MTZJ8.2C-T2	ZENER DIODE		
⚠	D9203	MTZJ11C-T2	ZENER DIODE		
⚠	D9204	MTZJ13C-T2	ZENER DIODE		
	D9205	MTZJ13C-T2	ZENER DIODE		
	D9206	MTZJ13C-T2	ZENER DIODE		
	D9301	1SS133-T2	SI DIODE		
	D9302	1SS133-T2	SI DIODE		
	D9303	1SS133-T2	SI DIODE		
	D9401	MTZJ7.5A-T2	ZENER DIODE		
	D9402	MTZJ5.1C-T2	ZENER DIODE		
	D9504	MTZJ5.1A-T2	ZENER DIODE		
	D9505	1SS133-T2	SI DIODE		
	D9506	1SS133-T2	SI DIODE		
	D9507	1SS133-T2	SI DIODE		
	D9508	MTZJ5.1A-T2	ZENER DIODE		
⚠	D9701	11E2-T5	DIODE		
⚠	D9702	11E2-T5	DIODE		
⚠	D9703	11E2-T5	DIODE		
⚠	D9704	11E2-T5	DIODE		
⚠	D9705	11E2-T5	DIODE		
⚠	D9706	11E2-T5	DIODE		
⚠	D9707	11E2-T5	DIODE		
⚠	D9708	11E2-T5	DIODE		
⚠	D9901	1N5401-TM	DIODE		
⚠	D9902	1N5401-TM	DIODE		
⚠	D9903	1N5401-TM	DIODE		
⚠	D9904	1N5401-TM	DIODE		
	EP971	QNZ0136-001Z	EARTH PLATE		
	EP972	QNZ0136-001Z	EARTH PLATE		
	FH701	LV31441-001A	FL HOLDER		
	FT911	QNG0020-001Z	FUSE CLIP	FOR F9001	
	FT912	QNG0020-001Z	FUSE CLIP	FOR F9001	
	FT981	QNG0020-001Z	FUSE CLIP	FOR F9801	
	FT982	QNG0020-001Z	FUSE CLIP	FOR F9801	
	FT991	QNG0020-001Z	FUSE CLIP	FOR F9901	U,UB
	FT992	QNG0020-001Z	FUSE CLIP	FOR F9901	U,UB
	FW901	WJK0082-001A	E-SI C WIRE C-B		
	FW902	QUM027-08DGZ4	PARA RIBON WIRE		
	FW903	QUM029-09DGZ4	PARA RIBON WIRE		
	FW904	QUM024-12DGZ4	PARA RIBON WIRE		
	IC101	NJM5532D	IC		
	IC701	UPD780023AGKA15	IC		
	IC901	LB1641	IC		
	JS701	QSW0739-001	R ENCODER	JOG1	
	JS702	QSW0739-001	R ENCODER	JOG2(VOL)	
	J2001	QNB0082-001	SPK TERMINAL		
	J2002	QNN0017-001	PIN JACK	BASS OUT	
	K7001	QQR0601-001Z	F.BEADS I.M	MI+5.6V	
	K7002	QQR0601-001Z	F.BEADS I.M	DGND	
	L1001	QQLZ005-R45	INDUCTOR		
	L1002	QQLZ005-R45	INDUCTOR		
	Q1001	2SC2240/G/-T	TRANSISTOR		
	Q1002	2SC2240/G/-T	TRANSISTOR		
	Q1003	2SA970/G/-T	TRANSISTOR		
	Q1004	2SA970/G/-T	TRANSISTOR		
	Q1005	2SA970/G/-T	TRANSISTOR		
	Q1006	2SA970/G/-T	TRANSISTOR		
	Q1007	2SC2240/G/-T	TRANSISTOR		
	Q1008	2SC2240/G/-T	TRANSISTOR		

⚠	Item	Parts number	Parts name	Remarks	Area
	Q1009	2SC2240/GL/-T	TRANSISTOR	+18V	
	Q1010	2SA970/GL/-T	TRANSISTOR	-18V	
⚠	Q1011	2SK2382	F.E.T.		U,UB
⚠	Q1011	2SK2381	F.E.T.		UP
⚠	Q1012	2SK2381	F.E.T.		UP
⚠	Q1012	2SK2382	F.E.T.		U,UB
⚠	Q1013	2SJ334	F.E.T.		U,UB
⚠	Q1013	2SJ407	F.E.T.		UP
⚠	Q1014	2SJ407	F.E.T.		UP
⚠	Q1014	2SJ334	F.E.T.		U,UB
	Q1015	2SD637/QR/	TRANSISTOR		
	Q1016	2SD637/QR/	TRANSISTOR		
	Q1017	2SA970/GL/-T	TRANSISTOR		
	Q1018	2SA970/GL/-T	TRANSISTOR		
	Q1019	KTC3199/GL/-T	TRANSISTOR		
	Q1020	2SA733/QP/-T	TRANSISTOR		
	Q1021	KTC3199/GL/-T	TRANSISTOR		
	Q2001	2SC945/QP/-T	TRANSISTOR		
	Q2101	2SC3576-JVC-T	TRANSISTOR		
	Q2102	2SC3576-JVC-T	TRANSISTOR		
	Q2103	KRA104M-T	D.TRANSISTOR		
	Q7001	KRC107M-T	D.TRANSISTOR	JOG2 BLUE	
	Q7002	KRC107M-T	D.TRANSISTOR	JOG1 BLUE	
	Q7005	KRC107M-T	D.TRANSISTOR	LED DIMER	
	Q7006	KRC107M-T	D.TRANSISTOR	LED DIMER	
	Q7101	2SC3576-JVC-T	TRANSISTOR	FL ON/OFF	
	Q7102	2SC3576-JVC-T	TRANSISTOR	FL ON/OFF	
⚠	Q9101	2SD2394/EF/	TRANSISTOR		
⚠	Q9102	2SD400MP/EF/-T	TRANSISTOR		
	Q9103	KTC3199/GL/-T	TRANSISTOR		
	Q9104	KRA102M-T	D.TRANSISTOR		
	Q9105	KRC104M-T	D.TRANSISTOR		
⚠	Q9201	2SD2394/EF/	TRANSISTOR		
⚠	Q9202	2SD2394/EF/	TRANSISTOR		
	Q9203	KTC3199/GL/-T	TRANSISTOR		
	Q9204	KTC3199/GL/-T	TRANSISTOR		
	Q9205	KTC3199/GL/-T	TRANSISTOR		
⚠	Q9206	2SD2394/EF/	TRANSISTOR		
	Q9207	KTC3199/GL/-T	TRANSISTOR		
⚠	Q9208	2SD2394/EF/	TRANSISTOR		
	Q9209	2SC2240/GL/-T	TRANSISTOR		
⚠	Q9210	2SB1565/EF/	TRANSISTOR		
	Q9211	2SA970/GL/-T	TRANSISTOR		
⚠	Q9213	2SD2394/EF/	TRANSISTOR		
	Q9401	2SD400MP/EF/-T	TRANSISTOR		
	Q9504	KRC107M-T	D.TRANSISTOR		
	Q9505	KRC107M-T	D.TRANSISTOR		
	Q9506	KRC107M-T	D.TRANSISTOR		
	RY201	QSK0115-001	RELAY		
⚠	RY901	QSK0113-001	RELAY		
	R1001	QRE141J-912Y	C RESISTOR	9.1K 5% 1/4W	
	R1002	QRE141J-912Y	C RESISTOR	9.1K 5% 1/4W	
	R1003	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1004	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1005	QRZ0214-821Y	C RESISTOR	820 1/2W	
	R1006	QRZ0214-821Y	C RESISTOR	820 1/2W	
	R1007	QRZ0214-473Y	C RESISTOR	47K 1/2W	
	R1008	QRZ0214-473Y	C RESISTOR	47K 1/2W	
	R1009	QRJ146J-331X	UNF C.RESISTOR	330 5% 1/4W	
	R1010	QRJ146J-331X	UNF C.RESISTOR	330 5% 1/4W	
	R1011	QRZ0214-472Y	C RESISTOR	4.7K 1/2W	
	R1012	QRZ0214-472Y	C RESISTOR	4.7K 1/2W	
	R1013	QRZ0214-472Y	C RESISTOR	4.7K 1/2W	

■Electrical parts list (System control & Main amplifier board) Block No. 01

⚠	Item	Parts number	Parts name	Remarks	Area
	R1014	QRZ0214-472Y	C RESISTOR	4.7K 1/2W	
	R1015	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R1016	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R1017	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R1018	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R1019	QRE141J-510Y	C RESISTOR	51 5% 1/4W	
	R1020	QRE141J-510Y	C RESISTOR	51 5% 1/4W	
	R1021	QRE141J-510Y	C RESISTOR	51 5% 1/4W	
	R1022	QRE141J-510Y	C RESISTOR	51 5% 1/4W	
	R1023	QRZ0214-102Y	C RESISTOR	1.0K 1/2W	
	R1024	QRZ0214-102Y	C RESISTOR	1.0K 1/2W	
	R1025	QRJ146J-4R7X	UNF C.RESISTOR	+18V	
	R1026	QRJ146J-4R7X	UNF C.RESISTOR	-18V	
	R1027	QRE141J-270Y	C RESISTOR	27 5% 1/4W	
	R1028	QRE141J-270Y	C RESISTOR	27 5% 1/4W	
	R1029	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1030	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1031	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1032	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1033	QRT01DJ-R22X	UNF.MF.RESISTOR	5% 1/1W	
	R1034	QRT01DJ-R22X	UNF.MF.RESISTOR	5% 1/1W	
	R1035	QRT01DJ-R22X	UNF.MF.RESISTOR	5% 1/1W	
	R1036	QRT01DJ-R22X	UNF.MF.RESISTOR	5% 1/1W	
	R1037	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R1038	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R1039	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R1040	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R1041	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R1042	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R1043	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R1044	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R1045	QRJ146J-220X	UNF C.RESISTOR	22 5% 1/4W	
	R1046	QRJ146J-220X	UNF C.RESISTOR	22 5% 1/4W	
	R1047	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1049	QRE141J-823Y	C RESISTOR	82K 5% 1/4W	
	R1050	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1051	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1052	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1053	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1054	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
⚠	R1055	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R1056	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1101	QRE141J-392Y	C RESISTOR	3.9K 5% 1/4W	
	R1102	QRE141J-392Y	C RESISTOR	3.9K 5% 1/4W	
	R1103	QRE141J-511Y	C RESISTOR	510 5% 1/4W	UP
	R1103	QRE141J-751Y	C RESISTOR	750 5% 1/4W	U,UB
	R1104	QRE141J-751Y	C RESISTOR	750 5% 1/4W	U,UB
	R1104	QRE141J-511Y	C RESISTOR	510 5% 1/4W	UP
	R2001	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R2002	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R2003	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R2004	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
⚠	R2007	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
	R2008	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R2009	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R2101	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R2102	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R2103	QRZ0214-223Y	C RESISTOR	22K 1/2W	
	R2104	QRZ0214-223Y	C RESISTOR	22K 1/2W	
	R2105	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R2106	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R2107	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R7001	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	

⚠	Item	Parts number	Parts name	Remarks	Area
	R7002	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7003	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7004	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7005	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R7006	QRE141J-241Y	C RESISTOR	240 5% 1/4W	
	R7007	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R7008	QRE141J-241Y	C RESISTOR	240 5% 1/4W	
	R7011	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R7012	QRE141J-682Y	C RESISTOR	6.8K 5% 1/4W	
	R7013	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R7014	QRE141J-621Y	C RESISTOR	620 5% 1/4W	
	R7101	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R7102	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R7103	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R7104	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R7105	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7106	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7107	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7108	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7109	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7110	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7111	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7112	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7113	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7114	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7115	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7116	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7117	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R7118	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R7119	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7120	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R7121	QRZ9005-220X	F.RESISTOR	22 1/0W	
	R7122	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R7123	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R7124	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7125	QRE141J-1R0Y	C RESISTOR	1.0 5% 1/4W	
	R7126	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R7127	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7128	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R7129	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R7130	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
⚠	R9101	QRE141J-1R0Y	C RESISTOR	1.0 5% 1/4W	
⚠	R9103	QRJ146J-152X	UNF C.RESISTOR	1.5K 5% 1/4W	
⚠	R9104	QRJ146J-4R7X	UNF C.RESISTOR	4.7 5% 1/4W	
⚠	R9105	QRZ9005-181X	F.RESISTOR	180 1/0W	
	R9106	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
⚠	R9107	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
	R9108	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R9109	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R9202	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R9203	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R9204	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R9205	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R9206	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R9207	QRE141J-751Y	C RESISTOR	750 5% 1/4W	
	R9208	QRE141J-271Y	C RESISTOR	270 5% 1/4W	
⚠	R9210	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R9211	QRE141J-242Y	C RESISTOR	2.4K 5% 1/4W	
	R9212	QRE141J-242Y	C RESISTOR	2.4K 5% 1/4W	
	R9215	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R9401	QRZ9005-150X	F RESISTOR	15 1/0W	
	R9402	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R9403	QRE141J-471Y	C RESISTOR	470 5% 1/4W	

■Electrical parts list (System control & Main amplifier board) Block No. 01

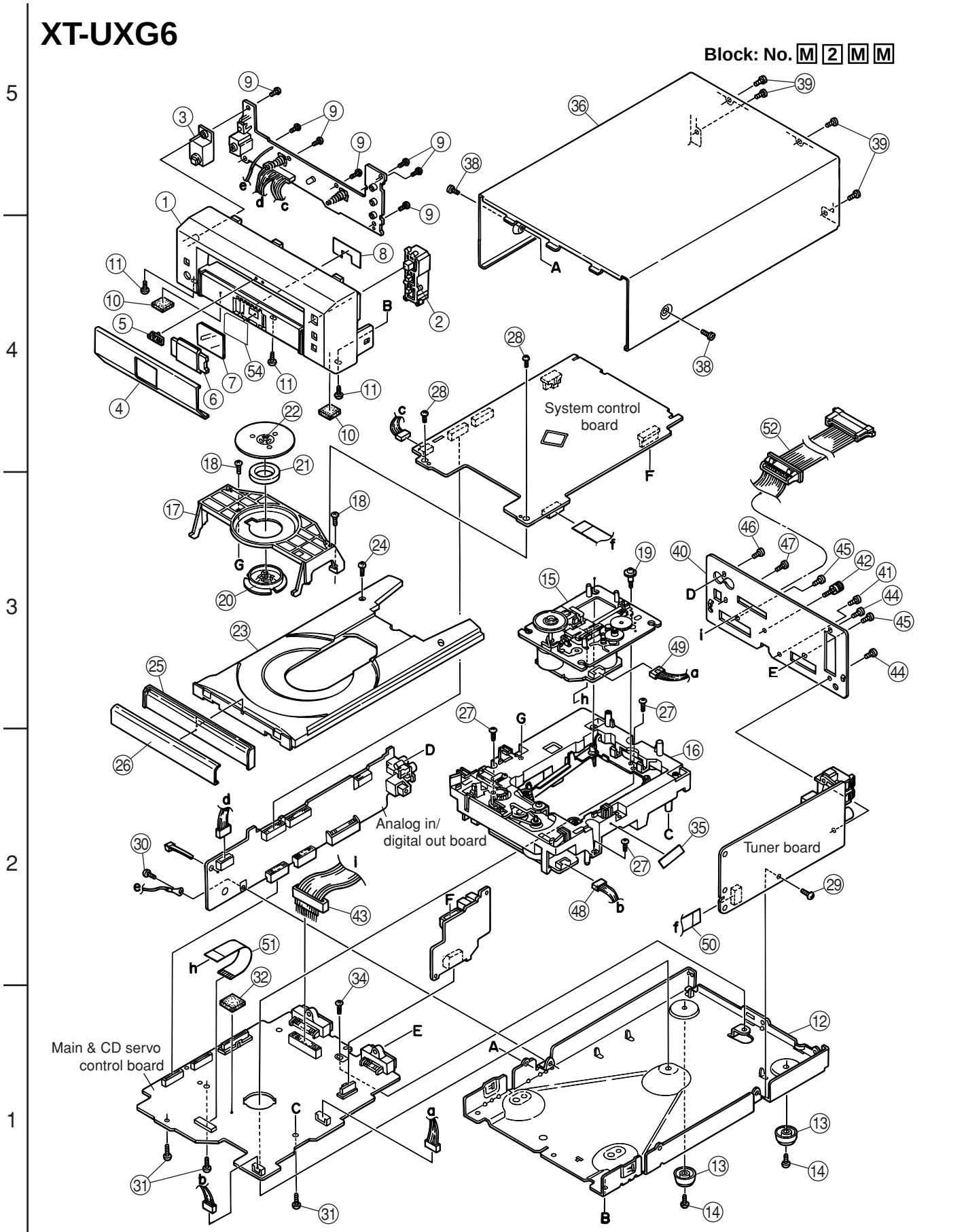
⚠	Item	Parts number	Parts name	Remarks	Area
	R9506	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R9507	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R9508	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R9509	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
⚠	R9901	QRZ9006-4R7X	F RESISTOR	4.7 1/0W	
⚠	R9902	QRZ9005-100X	F RESISTOR	10 1/0W	
	SP701	VYH7237-001SC	IC HOLDER		
⚠	SW902	QSW0513-002	SLIDE SWITCH		U,UB
	SW911	QSW0620-001	SWITCH		
	S7001	QSW0674-001Z	TACT SWITCH	POWER	
	S7002	QSW0674-001Z	TACT SWITCH	FM/AM	
	S7003	QSW0674-001Z	TACT SWITCH	AUX	
	S7004	QSW0674-001Z	TACT SWITCH	OPEN/CLOSE	
	S7005	QSW0674-001Z	TACT SWITCH	<<	
	S7006	QSW0674-001Z	TACT SWITCH	>>	
	S7007	QSW0674-001Z	TACT SWITCH	PLAY MODE	
	S7008	QSW0674-001Z	TACT SWITCH	REC MODE	
	S7009	QSW0674-001Z	TACT SWITCH	CLOCK	
	S7010	QSW0674-001Z	TACT SWITCH	SET	
	S7011	QSW0674-001Z	TACT SWITCH	CANCEL	
	S7012	QSW0674-001Z	TACT SWITCH	EDIT/TITLE	
	S7013	QSW0674-001Z	TACT SWITCH	DISPLAY/CHARA	
	S7014	QSW0674-001Z	TACT SWITCH	ENTER	
	TB901	QNZ0079-001Z	TAB		
	TB902	QNZ0079-001Z	TAB		
⚠	T9002	QQT0274-004	POWER TRANS		
	X7001	QAX0246-001Z	RESONATOR		

<< M E M O >>

Exploded view of general assembly and parts list

XT-UXG6

Block: No. M 2 M M



■Parts list (XT-UXG6 General assembly)

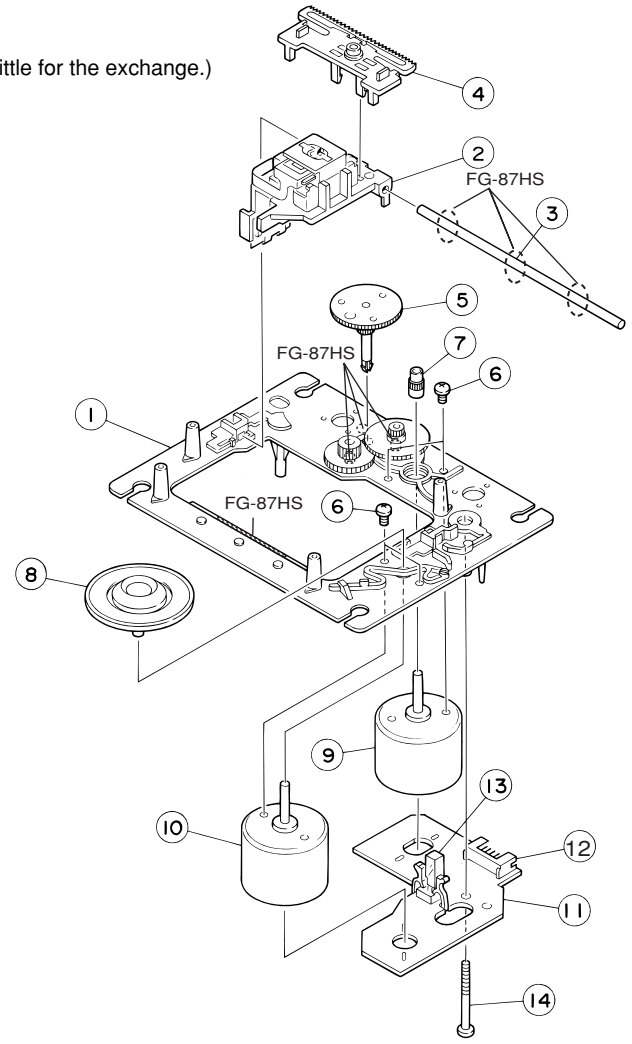
Block No. M2MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	LV10278-001A	FRONT PANEL	1		
	2	LV31438-002A	BUTTON	1	PLATING	
	3	LV41295-001A	REMOTE LENS	1		
	4	LV31458-001A	FRONT PLATE	1		
	5	E406971-222	JVC MARK	1		
	6	LV41317-002A	LENS(A)	1		
	7	LV41318-001A	LENS(B)	1		
	8	LV41750-001A	LABEL	1		
	9	QYSBSF2608Z	T.SCREW	7	FOR SW PWB	
	10	E75896-002	FELT SPACER	2	FOR FOOT	
	11	QYSBST3006Z	T.SCREW	3	FOR F.PANE+B.CHASSIS	
	12	LV10275-001A	BOTTOM CHASSIS	1		
	13	E47227-029	FOOT	2		
	14	QYSBST3006Z	T.SCREW	2		
	15	----------	CD MECHA	1		
	16	----------	CD LOADING BASE	1		
	17	E26756-004	CD CLAMPER BASE	1		
	18	QYSBSF3008Z	SCREW	2	CLAMP B.+LOADING BASE	
	19	E406293-001	SPECIAL SCREW	1		
	20	E306835-221SS	CD CLAMPER	1		
	21	VYH7313-003	MAGNET	1		
	22	E306836-003	C.D.YOKE	1		
	23	E102358-222K	CD TRAY	1		
	24	QYSBSF3008Z	SCREW	1	FOR TRAY	
	25	LV20520-001A	CD FITTING	1		
	26	LV31459-001A	FITTING PLATE	1		
	27	QYSBST3006Z	T.SCREW	3	FOR CD LOADING	
	28	QYSBSF2608Z	T.SCREW	2	PWB+CLAMPER BASE	
	29	QYSBST3006Z	T.SCREW	1	TUNER+CHASSIS	
	30	QYSBST3006Z	T.SCREW	1	PWB(L)+CHASSIS	
	31	QYSBSF2608Z	T.SCREW	3	LOADING+PWB	
	32	E75896-001	FELT SPACER	1	FS401	
	34	QYSBST3006Z	T.SCREW	1	CHASSIS+PWB	
	35	VYSA1R3-049	SPACER	1		
	36	LV10273-002A/S/	METAL COVER	1		
	38	QYSDSG3008N	T.SCREW	2	M.COVER+B.CHASSIS	
	39	QYSDSG3008N	T.SCREW	4	M.COVER+R.PANEL	
	40	LV20521-007A	REAR PANEL	1		U,UB
		LV20521-008A	REAR PANEL	1		UP
	41	QYSDSG3008N	T.SCREW	1		
	42	E409257-001	GND TERMINAL	1	FOR EARTH	
	43	QQR1086-001	NOISE FILTER	1		
	44	QYSDSG3008N	T.SCREW	2	FOR ANT.	
	45	QYSDSG3008N	T.SCREW	2	FOR SYS.CONNECT	
	46	QYSDSG3008N	T.SCREW	1	FOR AUX IN	
	47	QYSDSG3008N	T.SCREW	1	FOR OPTICAL OUT	
	48	QJJ010-051000	SIN CR C-C WIRE	1		
	49	QJJ010-061501	SIN CR C-C WIRE	1		
	50	QUQB12-1010BJ	FFC WIRE	1	TUNER-MICOM	
	51	QUQ910-1508AJ	CARD WIRE	1	CD PICK	
	52	WJS0015-002A	E-FL/RB WIRE	1	19 PIN SYSTEM WIRE	
	54	LV41773-001A	SHEET	1		

CD mechanism assembly and parts list

Block: No. M 3 M M

Grease point
FG-87HS
(Grease to apply have to be a little for the exchange.)



EXL-M7GB

■Parts list (CD mechanism)

Block No. M2MM

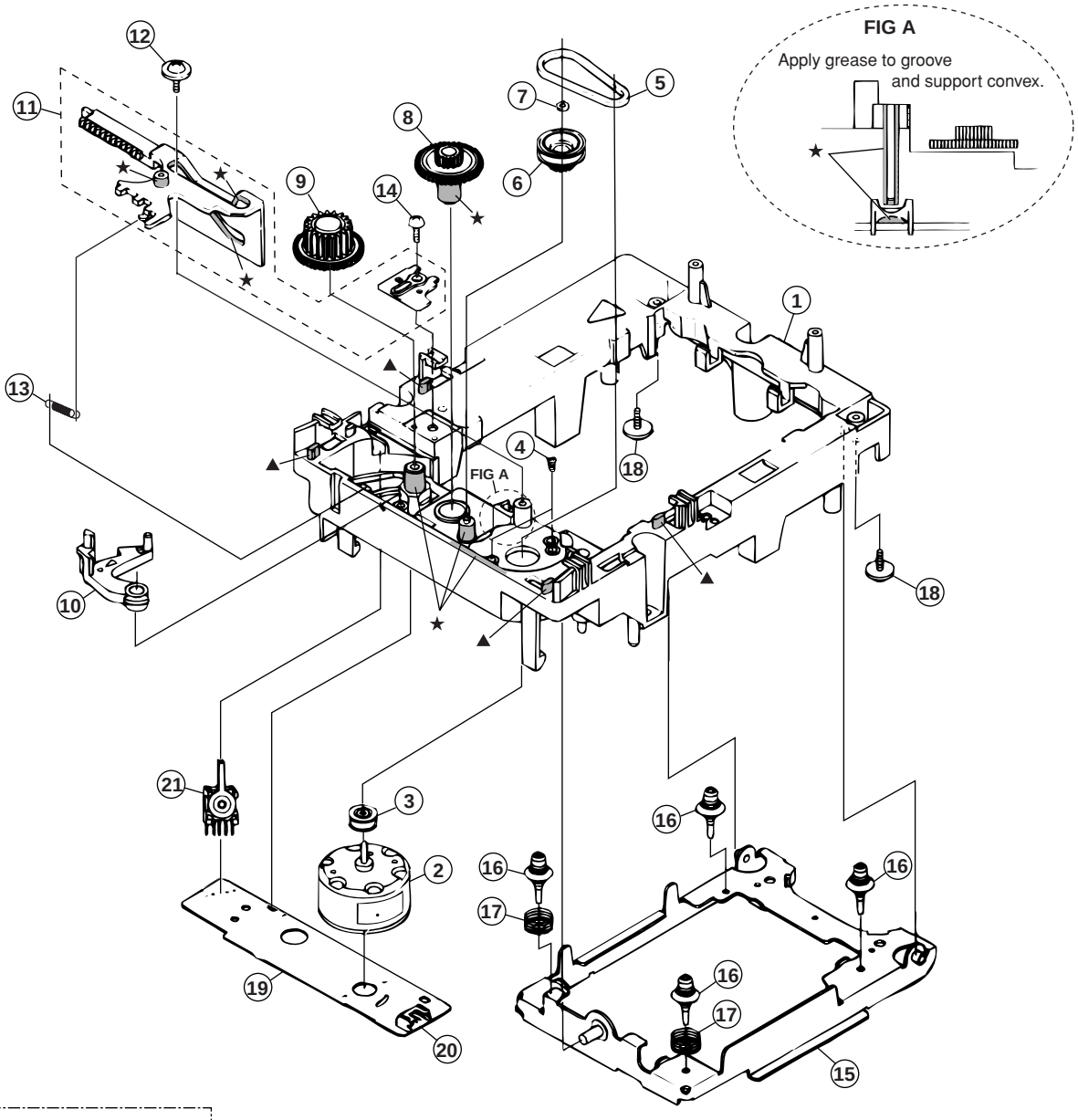
⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	E102501-331SC	MECHA BASE ASSY	1		
	2	OPTIMA-7B	OPTICAL PICK UP	1		
	3	E407782-003SC	CD SHAFT	1		
	4	HQN300031-001PK	CD RACK GEAR	1		
	5	E307745-332SC	MECHA GEAR	1		
	6	QYSDSP2003N	SCREW	4		
	7	E406750-332SC	PINION GEAR	1		
	8	EPB-001PK	TURN TABLE ASSY	1		
	9	E406784-001	FEED MOTOR	1		
	10	QAR0130-001	SPPINDLE MOTOR	1		
	11	EMW10190-001	P.C. BOARD	1		
	12	QGA2001F1-06	6P PLUG ASSY	1	FOR P011	
	13	QSW0506-001	LEAF SWICH	1	FOR S001	
	14	E75832-221	SPECIAL SCREW	1	FOR P.C. BOARD	

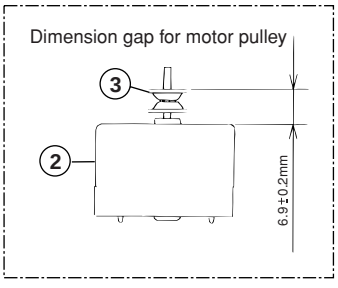
CD loading base assembly and parts list

FLM-120-1

Block: No. M 4 M M

Grease
★ = G-474C
▲ = EBS0006-009B





■Parts list (CD loading base)

Block No. M4MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	E102357-441	C.D LOADING BAS	1		
	2	MMN-6F1LB8K	MOTOR	1		
	3	E75984-001SC	MOTOR PULLEY	1		
	4	QYSPSPT2640Z	MINI SCREW	2		
	5	E75950-002	BELT	1		
	6	E75985-222SS	GEAR(1)	1		
	7	E60912-005SS	SPEED NUT	1		
	8	E75986-221SS	C.D GEAR (2)	1		
	9	E75987-221SS	C.D GEAR (3)	1		
	10	E307162-331SS	LEVER	1		
	11	E307252-331SS	CAM PLATE	1		
	12	E65923-003	TAPPING SCREW	1		
	13	E75989-001	SPRING	1		
	14	QYSBSF3008Z	SCREW	1		
	15	E307179-332	E.BASE ASS'Y	1		
	16	E406294-002	INSULATOR	4		
	17	E406871-001	SPRING	2		
	18	E65923-003	TAPPING SCREW	2		
	19	EMW10095-003	C.D CIR.BOARD	1		
	20	QGA2001F1-05	5P PLUG ASSY	1		
	21	QSW0472-001	SWITCH	1		

■Electrical parts list (System control & Analog IN / digital OUT board) Block No. 02

⚠	Item	Parts number	Parts name	Remarks	Area
	CN451	QGA2001F1-06	6P PLUG ASSY	FROM KEY PWB	
	CN452	QGB1214K1-16S	CONNECTOR	TO MICON PWB	
	CN453	QGB1214K1-18S	CONNECTOR	TO MICON PWB	
	CN454	QGB2510K2-06	CONNECTOR	TO MICON PWB	
	CN455	QGB1214K1-18S	CONNECTOR	TO CD CTL PWB	
	CN456	QGB1214K1-18S	CONNECTOR	TO CD CTL PWB	
	CN457	QGB2510K2-13	CONNECTOR	TO CD CTL PWB	
	CN501	QGA2001F1-05	5P PLUG ASSY		
	CN502	QGB1214J1-16S	CONNECTOR		
	CN503	QGB1214J1-18S	CONNECTOR		
	CN504	QGB2510J1-06	CONNECTOR		
	CN506	QGF1205F1-10	CONNECTOR		
	CN507	QGB2510J1-07	CONNECTOR		
	CN508	QGA2501C3-05Z	CONNECTOR		
	C4161	QETC1HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C4162	QFZ0202-183Z	M CAPACITOR	.018MF	
	C4163	QFZ0202-223Z	M CAPACITOR	.022MF	
	C4164	QFN31HJ-224Z	M CAPACITOR	.22MF 5% 50V	
	C4165	QFN31HJ-224Z	M CAPACITOR	.22MF 5% 50V	
	C4166	QFZ0202-562Z	M CAPACITOR	5600PF	
	C4167	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4171	QEKC1EM-226Z	E CAPACITOR	22MF 20% 25V	
	C4172	QEKC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4173	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4181	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C4261	QETC1HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C4262	QFZ0202-223Z	M CAPACITOR	.022MF	
	C4263	QFZ0202-223Z	M CAPACITOR	.022MF	
	C4264	QFN31HJ-224Z	M CAPACITOR	.22MF 5% 50V	
	C4265	QFN31HJ-224Z	M CAPACITOR	.22MF 5% 50V	
	C4266	QFZ0202-562Z	M CAPACITOR	5600PF	
	C4267	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4271	QEKC1EM-226Z	E CAPACITOR	22MF 20% 25V	
	C4272	QEKC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4273	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4281	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C4361	QETC1HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C4362	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C4372	QDGB1HK-102Y	C CAPACITOR		
	C4381	QCBB1HK-223Y	C CAPACITOR	.022MF 10% 50V	
	C4382	QDGB1HK-102Y	C CAPACITOR		
	C4391	QEKC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C4392	QCBB1HK-103Y	C CAPACITOR	.010MF 10% 50V	
	C5001	QCS11HJ-200	C CAPACITOR	20PF 5% 50V	
	C5002	QDCB1HJ-150Y	C CAPACITOR		
	C5003	QCBB1HK-103Y	C CAPACITOR	.010MF 10% 50V	
	C5004	QCZ0202-155Z	ML C CAPACITOR	1.5MF	
	C5005	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C5006	QETC0JM-108Z	E CAPACITOR	1000MF 20% 6.3V	
	C5007	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C5008	QCZ0202-155Z	ML C CAPACITOR	1.5MF	
	C5009	QDGB1HK-102Y	C CAPACITOR		
	C5010	QDGB1HK-102Y	C CAPACITOR		
	C5011	QDGB1HK-102Y	C CAPACITOR		
	C5012	QDGB1HK-102Y	C CAPACITOR		
	C5013	QDXB1CM-122Y	C CAPACITOR		
	C5014	QDGB1HK-102Y	C CAPACITOR		
	C5016	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	D4361	MTZJ9.1C-T2	Z DIODE		
	D4371	1SS133-T2	SI DIODE		
	D4372	1SS133-T2	SI DIODE		
	D4391	1SS133-T2	SI DIODE		
	D5001	1SS133-T2	SI DIODE		

⚠	Item	Parts number	Parts name	Remarks	Area
	D5003	1SS133-T2	SI DIODE		
	D5005	1SS133-T2	SI DIODE		
	D5006	1SS133-T2	SI DIODE		
	D5007	1SS133-T2	SI DIODE		
	EP452	QNZ0136-001Z	EARTH PLATE	FOR H.P GND	
	IC435	TDA7439	IC		
	IC436	NJM4580D	IC		
	IC501	UPD784214AGF503	IC(MCU)		
	IH501	VYH7237-002SC	IC HOLDER	FOR IC501	
	J4301	QNN0215-001	PIN JACK		
	J4302	GP1F32T	OPTICAL JACK		
	L5001	QQL01BK-100Z	INDUCTOR		
	Q4171	2SC3576-JVC-T	TRANSISTOR		
	Q4172	2SC3576-JVC-T	TRANSISTOR		
	Q4271	2SC3576-JVC-T	TRANSISTOR		
	Q4272	2SC3576-JVC-T	TRANSISTOR		
	Q4371	KRA104M-T	D.TRANSISTOR		
	R4161	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R4162	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R4164	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4171	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4172	QRJ146J-221X	UNF C.RESISTOR	220 5% 1/4W	
	R4173	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4174	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4175	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4176	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R4177	QRJ146J-221X	UNF C.RESISTOR	220 5% 1/4W	
	R4178	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4181	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4261	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R4262	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R4264	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4271	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4272	QRJ146J-221X	UNF C.RESISTOR	220 5% 1/4W	
	R4273	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4274	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4275	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4276	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R4277	QRJ146J-221X	UNF C.RESISTOR	220 5% 1/4W	
	R4278	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4281	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4361	QRJ146J-221X	UNF C.RESISTOR	220 5% 1/4W	
	R4371	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R4391	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4392	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R5001	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R5002	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5003	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5005	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5007	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5008	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5009	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5011	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5012	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5013	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5014	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5015	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5016	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5017	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5019	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5022	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5023	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5024	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	

■Electrical parts list (System control & Analog IN / digital OUT board) Block No. 02

⚠	Item	Parts number	Parts name	Remarks	Area
	R5025	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5026	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5028	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5029	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5030	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5031	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5032	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5033	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5034	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5035	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5036	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5037	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5038	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5039	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5040	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5041	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5045	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5046	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5048	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5049	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5050	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5051	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5054	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5055	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5056	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5057	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5058	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5059	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5062	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R5063	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R5068	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5069	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5071	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5072	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5073	QRE141J-470Y	C RESISTOR	47 5% 1/4W	
	R5075	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5078	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5079	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R5080	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R5081	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	X5001	QAX0600-001Z	CRYSTAL		

■Electrical parts list (CD servo & Main board) Block No. 03

⚠	Item	Parts number	Parts name	Remarks	Area
	CN431	QGD1501C1-19	F.WIRE SKT	FOR SWIRE(TO AX	
	CN432	QGA1502F1-17	W TO B CONNE	FROM XM	
	CN433	QGA1502F1-13	W TO B CONNE	FROM DECK	
	CN434	QGB2510J1-06	CONNECTOR	TO TUNER RELAY	
	CN435	QGB2510J1-13	CONNECTOR	TO VOL PWB	
	CN436	QGB1214J1-18S	CONNECTOR	TO VOL PWB	
	CN437	QGB1214J1-18S	CONNECTOR	TO VOL PWB	
	CN438	QGA2001C1-05	5P PLUG ASSY	TO CD TRAY	
	CN439	QGF1023F1-15	15PIN CONNECTOR	FOR OPT-7	
	CN440	QGA2001C1-06	6P PLUG ASSY	T0 CD MOTOR	
	CN441	QGA2001F1-02	2P CONNECTOR		
	CN443	QGB2510K2-06	CONNECTOR	TO MICON	
	CN444	QGB2510K2-07	CONNECTOR	TO CD CTL	
	C4101	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C4102	QFN41HJ-682	M CAPACITOR	6800PF 5% 50V	
	C4103	QFN31HJ-473Z	M CAPACITOR	.047MF 5% 50V	
	C4104	QTE1C06-226Z	E CAPACITOR		
	C4112	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4124	QFLC1HJ-562Z	M CAPACITOR	5600PF 5% 50V	
	C4201	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C4202	QFN41HJ-682	M CAPACITOR	6800PF 5% 50V	
	C4203	QFN31HJ-473Z	M CAPACITOR	.047MF 5% 50V	
	C4204	QTE1C06-226Z	E CAPACITOR		
	C4212	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4224	QFLC1HJ-562Z	M CAPACITOR	5600PF 5% 50V	
	C4301	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4302	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4311	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C4312	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C4313	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C4321	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C4322	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C4331	QETC1AM-476Z-JB	E CAPACITOR	47MF 20% 10V	
	C4332	QETC1AM-476Z	E CAPACITOR	47MF 20% 10V	
	C4333	QCBB1HK-103Y	C CAPACITOR	.010MF 10% 50V	
	C4341	QETC1AM-476Z-JB	E CAPACITOR	47MF 20% 10V	
	C4342	QETC1AM-476Z-JB	E CAPACITOR	47MF 20% 10V	
	C4343	QCBB1HK-103Y	C CAPACITOR	.010MF 10% 50V	
	C4601	QDCB1HJ-120Y	C CAPACITOR		
	C4602	QDCB1HJ-120Y	C CAPACITOR		
	C4603	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4604	QETC0JM-477Z	E CAPACITOR	470MF 20% 6.3V	
	C4605	QFVJ1HJ-154Z	TF CAPACITOR	.15MF 5% 50V	
	C4606	QDVB1EZ-223Y	C CAPACITOR		
	C4607	QFN31HJ-223Z	M CAPACITOR	.022MF 5% 50V	
	C4608	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4609	QETC0JM-107Z	E CAPACITOR	100MF 20% 6.3V	
	C4610	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C4611	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4612	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4613	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4614	QCSB1HK-5R6Y	C CAPACITOR	5.6PF 10% 50V	
	C4615	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4616	QETC0JM-477Z	E CAPACITOR	470MF 20% 6.3V	
	C4617	QDGB1HK-102Y	C CAPACITOR		
	C4619	QDGB1HK-102Y	C CAPACITOR		
	C4620	QDGB1HK-102Y	C CAPACITOR		
	C4621	QFVC1HJ-563Z	M.M.CAPACITOR	.056MF 5% 50V	
	C4622	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4623	QETC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C4624	QDYB1CM-103Y	C CAPACITOR		
	C4625	QDXB1CM-472Y	C CAPACITOR		
	C4626	QFN31HJ-273Z	M CAPACITOR	.027MF 5% 50V	

⚠	Item	Parts number	Parts name	Remarks	Area
	C4627	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4628	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C4629	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4630	QCF31HZ-223Z	C CAPACITOR	.022MF +80:-20%	
	C4631	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4632	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C4633	QDVB1EZ-223Y	C CAPACITOR		
	C4634	QDGB1HK-102Y	C CAPACITOR		
	C4635	QDGB1HK-102Y	C CAPACITOR		
	C4636	QCBB1HK-271Y	C CAPACITOR	270PF 10% 50V	
	C4637	QCBB1HK-181Y	C CAPACITOR	180PF 10% 50V	
	C4638	QDVB1EZ-223Y	C CAPACITOR		
	C4639	QDVB1EZ-223Y	C CAPACITOR		
	C4640	QDVB1EZ-223Y	C CAPACITOR		
	C4641	QDVB1EZ-223Y	C CAPACITOR		
	C4642	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4643	QFLC1HJ-822Z	M CAPACITOR	8200PF 5% 50V	
	C4644	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4645	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4646	QETC1CM-477Z	E CAPACITOR	470MF 20% 16V	
	C4647	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4648	QFLC1HJ-562Z	M CAPACITOR	5600PF 5% 50V	
	C4652	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4663	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4671	QCBB1HK-103Y	C CAPACITOR	.010MF 10% 50V	
	C4672	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C4673	QETC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C4681	QFVJ1HJ-104Z	TF CAPACITOR	.10MF 5% 50V	
	C4682	QCS11HJ-560	C CAPACITOR	56PF 5% 50V	
	C4683	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C4686	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C4691	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4692	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C4693	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C5082	QDGB1HK-102Y	C CAPACITOR		
	C5083	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C5084	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C5086	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C5087	QDGB1HK-102Y	C CAPACITOR		
	C5088	QDGB1HK-102Y	C CAPACITOR		
	C5091	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C5092	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	D4331	MTZJ5.6C-T2	ZENER DIODE		
	D4341	MTZJ10A-T2	ZENER DIODE		
	D4601	1SS133-T2	SI DIODE		
	D4663	1SS133-T2	SI DIODE		
	D4664	1SS133-T2	SI DIODE		
	D4671	MTZJ10C-T2	Z.DIODE		
	D4674	MTZJ9.1B-T2	ZENER DIODE		
	D4681	MTZJ4.7B-T2	Z DIODE		
	D5081	MTZJ10C-T2	Z.DIODE		
	D5082	SELU1E10CXM	LED	BLUE	
	D5083	1SS133-T2	SI DIODE		
	D5084	1SS133-T2	SI DIODE		
	D5085	1SS133-T2	SI DIODE		
	EP451	QNZ0136-001Z	EARTH PLATE		
	IC431	NJM5532D	IC		
	IC432	TC9164AN	IC		
	IC433	NJM4580D	IC		
	IC434	NJM4580D	IC		
	IC461	MN35511AL	IC		
	IC462	AN8806SB	IC		
	IC463	BA6897FP-W	IC		

■Electrical parts list (CD servo & Main board) Block No. 03

⚠	Item	Parts number	Parts name	Remarks	Area
	IC464	TA8409S	IC		
	IC502	GP1U271X	RM RECIVER		
	IH461	VYH7237-001SC	IC HOLDER		
	IH462	VYH7237-003SC	IC HOLDER		
	IH463	VYH7237-003SC	IC HOLDER		
	J5001	QNS0027-001	JACK		
	K4603	QQR0779-001Z	INDUCTOR		
	K4604	QQR0779-001Z	INDUCTOR		
	K4609	QQR0779-001Z	INDUCTOR		
	K4610	QQR0779-001Z	INDUCTOR		
	K4612	QQR0779-001Z	INDUCTOR		
	K4613	QQR0779-001Z	INDUCTOR		
	K4619	QQR0779-001Z	INDUCTOR		
	K4661	QQR0779-001Z	INDUCTOR		
	K4662	QQR0779-001Z	INDUCTOR		
	K4664	QQR0601-001Z	F.BEADS		
	K4671	QQR0601-001Z	F.BEADS		
	K4672	QQR0601-001Z	F.BEADS		
	K5082	QQR0779-001Z	INDUCTOR		
	L4121	QQR0590-001	FILTER		
	L4221	QQR0590-001	FILTER		
	L4681	QQL25CK-221Z	INDUCTOR		
	L5081	QQL231K-470Y	INDUCTOR		
	L5082	QQL231K-470Y	INDUCTOR		
	Q4332	KRC107M-T	D.TRANSISTOR		
	Q4333	KRA107M-T	D.TRANSISTOR		
	Q4334	2SC2785/FE/-T	TRANSISTOR		
	Q4341	2SC2785/FE/-T	TRANSISTOR		
	Q4621	2SA952/LK/-T	TRANSISTOR		
	Q4661	KTA1267/YG/-T	TRANSISTOR		
	Q4665	KRC102M-T	D.TRANSISTOR		
	Q4671	2SD2394/EF/	TRANSISTOR		
	R4101	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R4102	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R4103	QRE141J-243Y	C RESISTOR	24K 5% 1/4W	
	R4104	QRE141J-243Y	C RESISTOR	24K 5% 1/4W	
	R4105	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R4106	QRE141J-682Y	C RESISTOR	6.8K 5% 1/4W	
	R4107	QRE141J-752Y	C RESISTOR	7.5K 5% 1/4W	
	R4108	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R4109	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4114	QRE141J-133Y	C RESISTOR	13K 5% 1/4W	
	R4123	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4124	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R4125	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R4126	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R4127	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R4128	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4201	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R4202	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R4203	QRE141J-243Y	C RESISTOR	24K 5% 1/4W	
	R4204	QRE141J-243Y	C RESISTOR	24K 5% 1/4W	
	R4205	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R4206	QRE141J-682Y	C RESISTOR	6.8K 5% 1/4W	
	R4207	QRE141J-752Y	C RESISTOR	7.5K 5% 1/4W	
	R4208	QRE141J-202Y	C RESISTOR	2.0K 5% 1/4W	
	R4209	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4214	QRE141J-133Y	C RESISTOR	13K 5% 1/4W	
	R4223	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4224	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R4225	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R4226	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R4227	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R4228	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4311	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R4331	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R4332	QRZ9005-470X	F RESISTOR	47 1/0W	
	R4334	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R4335	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R4341	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R4342	QRZ9005-470X	F RESISTOR	47 1/0W	
	R4601	QRE141J-271Y	C RESISTOR	270 5% 1/4W	
	R4602	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R4603	QRE141J-124Y	C RESISTOR	120K 5% 1/4W	
	R4604	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R4605	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4606	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4607	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4608	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4610	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R4611	QRE141J-155Y	C RESISTOR	1.5M 5% 1/4W	
	R4614	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4615	QRE141J-683Y	C RESISTOR	68K 5% 1/4W	
	R4616	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R4621	QRE141J-125Y	C RESISTOR	1.2M 5% 1/4W	
	R4622	QRE141J-113Y	C RESISTOR	11K 5% 1/4W	
	R4623	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R4624	QRE141J-121Y	C RESISTOR	120 5% 1/4W	
	R4625	QRE141J-120Y	C RESISTOR	12 5% 1/4W	
	R4626	QRE141J-274Y	C RESISTOR	270K 5% 1/4W	
	R4627	QRE141J-154Y	C RESISTOR	150K 5% 1/4W	
	R4628	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4629	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R4630	QRE141J-474Y	C RESISTOR	470K 5% 1/4W	
	R4631	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R4632	QRE141J-910Y	C RESISTOR	91 5% 1/4W	
	R4641	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4642	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4643	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R4644	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R4645	QRE141J-822Y	C RESISTOR	8.2K 5% 1/4W	
	R4646	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R4647	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4648	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R4664	QRJ146J-2R2X	UNF C.RESISTOR	2.2 5% 1/4W	
	R4665	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R4671	QRT01DJ-4R7X	MF RESISTOR	4.7 5% 1/1W	
	R4672	QRT01DJ-4R7X	MF RESISTOR	4.7 5% 1/1W	
	R4673	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R4674	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R4675	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R4676	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R4677	QRE141J-363Y	C RESISTOR	36K 5% 1/4W	
	R4681	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R5081	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5082	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R5083	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R5084	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R5085	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R5088	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	S5001	QSW0674-001Z	TACT SWITCH		
	S5002	QSW0674-001Z	TACT SWITCH		
	S5003	QSW0674-001Z	TACT SWITCH		
	W 451	WJP0012-001A	E-SHI C WIRE C-		
	W 511	WJK0065-001A	E-SI C WIRE C-B	TO MICON/VOL	
	X4601	QAX0413-001Z	CRYSTAL		

<<CAUTION>>
Please note that "IC461" uses IC different depending on the kind of the board.

For board No.LVB10107-001A
IC461 MN35511
For board No.LVB10107-001B/001C
IC461 MN35511AL

■Electrical parts list (Tuner board) Block No. 04

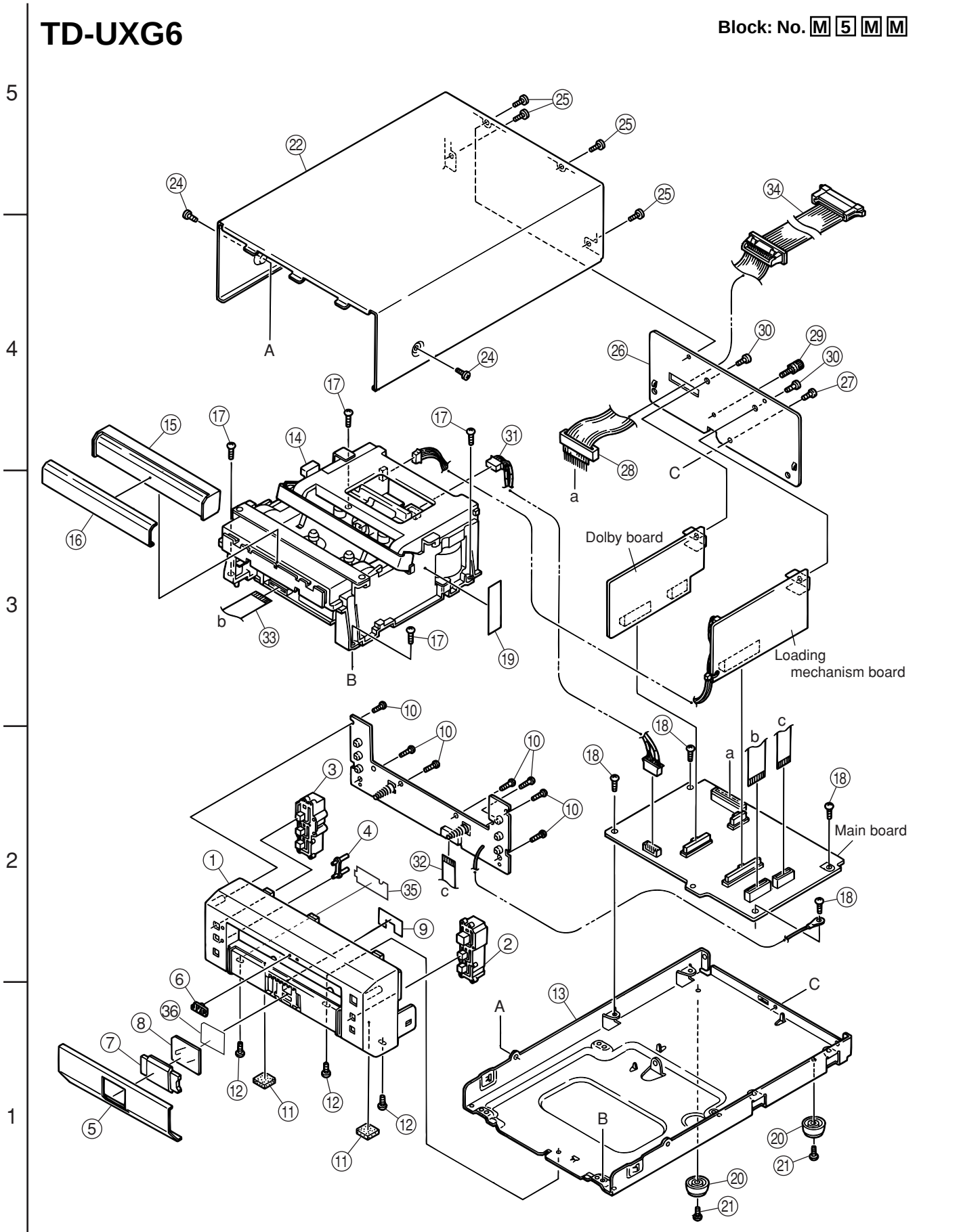
⚠	Item	Parts number	Parts name	Remarks	Area
	C 1	NCB21HK-223X	C CAPACITOR		
	C 3	NCB21EK-473X	C CAPACITOR		
	C 4	NCB21HK-103X	C CAPACITOR		
	C 5	QEK41CM-106	E.CAPA I.M	10MF 20% 16V	
	C 6	NCB21HK-102X	C CAPACITOR		
	C 9	NCB21HK-102X	C CAPACITOR		
	C 12	NDU21HJ-100X	C CAPACITOR		
	C 13	NCB21EK-473X	C CAPACITOR		
	C 21	NCB21EK-473X	C CAPACITOR		
	C 30	QEK41CM-476	E CAPACITOR	47MF 20% 16V	
	C 32	NCB21HK-102X	C CAPACITOR		
	C 33	QEKC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 34	NCS21HJ-150X	C CAPACITOR		
	C 35	NCB21HK-102X	C CAPACITOR		
	C 36	QEK41CM-106	E CAPACITOR	10MF 20% 16V	
	C 37	NCB21EK-473X	C CAPACITOR		
	C 39	NCB21EK-473X	C CAPACITOR		
	C 40	NCB21HK-103X	C CAPACITOR		
	C 41	QEKC1HM-104Z	E CAPACITOR	.10MF 20% 50V	
	C 42	QEK41HM-474	E CAPACITOR	.47MF 20% 50V	
	C 44	NCS21HJ-221X	C CAPACITOR		
	C 45	QEKC1HM-335Z	E CAPACITOR	3.3MF 20% 50V	
	C 46	NCB21HK-223X	C CAPACITOR		
	C 47	NCB21HK-103X	C CAPACITOR		
	C 49	NCB21HK-153X	C CAPACITOR		
	C 50	NCB21HK-153X	C CAPACITOR		
	C 51	QEKC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C 52	QEKC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C 60	QEKC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C 61	NCS21HJ-120X	C CAPACITOR		
	C 62	NCS21HJ-120X	C CAPACITOR		
	C 63	NCB21EK-473X	C CAPACITOR		
	C 65	NCB21HK-102X	C CAPACITOR		
	C 66	NCS21HJ-151X	C CAPACITOR		
	C 68	NCS21HJ-101X	C CAPACITOR		
	C 69	QEKC1HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C 70	NCB21HK-392X	C CAPACITOR		
	C 71	QEKC1HM-335Z	E CAPACITOR	3.3MF 20% 50V	
	C 72	NCB21HK-102X	C CAPACITOR		
	CF 1	QAX0419-001Z	C FILTER	FM IF	
	CF 2	QAX0419-001Z	C FILTER	FM IF	
	CF 3	QAX0418-001Z	C FILTER		
	CF 4	QAX0409-001	CERA LOCK		
	CN 1	QGF1205F1-10	CONNECTOR		
	D 1	1SS254-T2	SI DIODE		
	D 2	1SS254-T2	SI DIODE		
	D 3	1SS254-T2	SI DIODE		
	D 4	1SS254-T2	SI DIODE		
	IC 1	TA2057N	IC		
	IC 2	LC72136N	IC		
	J 1	QNB0014-001	ANT TERMINAL	AM/FM ANT	
	L 1	QQR0796-001	COIL BLOCK	MW/LW RF/OSC	
	L 4	QQL231K-221Y	INDUCTOR		
	Q 1	2SC2668/O/-T	TRANSISTOR		
	Q 6	DTA114YKA-X	TRANSISTOR		
	Q 7	2SA1037K/R/-X	TRANSISTOR		
	Q 8	2SA1037K/R/-X	TRANSISTOR		
	R 1	NRSA02J-102X	MG RESISTOR		
	R 2	NRSA02J-820X	MG RESISTOR		
	R 3	NRSA02J-0R0X	MG RESISTOR		
	R 12	NRSA02J-102X	MG RESISTOR		
	R 13	NRSA02J-104X	MG RESISTOR		
	R 20	NRSA02J-331X	MG RESISTOR		

⚠	Item	Parts number	Parts name	Remarks	Area
	R 21	NRSA02J-224X	MG RESISTOR		
	R 22	NRSA02J-331X	MG RESISTOR		
	R 23	NRSA02J-270X	MG RESISTOR		
	R 24	NRSA02J-271X	MG RESISTOR		
	R 25	NRSA02J-473X	MG RESISTOR		
	R 27	NRSA02J-223X	MG RESISTOR		
	R 29	NRSA02J-473X	MG RESISTOR		
	R 30	NRSA02J-103X	MG RESISTOR		
	R 31	NRSA02J-103X	MG RESISTOR		
	R 32	NRSA02J-473X	MG RESISTOR		
	R 34	NRSA02J-333X	MG RESISTOR		
	R 35	NRSA02J-333X	MG RESISTOR		
	R 36	NRSA02J-103X	MG RESISTOR		
	R 37	NRSA02J-472X	MG RESISTOR		
	R 38	NRSA02J-392X	MG RESISTOR		
	R 39	NRSA02J-392X	MG RESISTOR		
	R 42	NRSA02J-102X	MG RESISTOR		
	R 43	NRSA02J-102X	MG RESISTOR		
	R 44	NRSA02J-102X	MG RESISTOR		
	R 45	NRSA02J-102X	MG RESISTOR		
	R 46	NRSA02J-473X	MG RESISTOR		
	R 48	NRSA02J-102X	MG RESISTOR		
	R 52	NRSA02J-472X	MG RESISTOR		
	R 54	NRSA02J-472X	MG RESISTOR		
	R 55	NRSA02J-182X	MG RESISTOR		
	R 56	NRSA02J-332X	MG RESISTOR		
	R 57	NRSA02J-102X	MG RESISTOR		
	R 66	NRSA02J-222X	MG RESISTOR		
	R 68	NRSA02J-223X	MG RESISTOR		
	R 69	NRSA02J-103X	MG RESISTOR		
	T 1	QQR0793-001	IFT		
	TU 1	QAU0097-001	FRONT END	FM TU	
	X 1	QAX0402-001	CRYSTAL		

Exploded view of general assembly and parts list

TD-UXG6

Block: No. M 5 M M



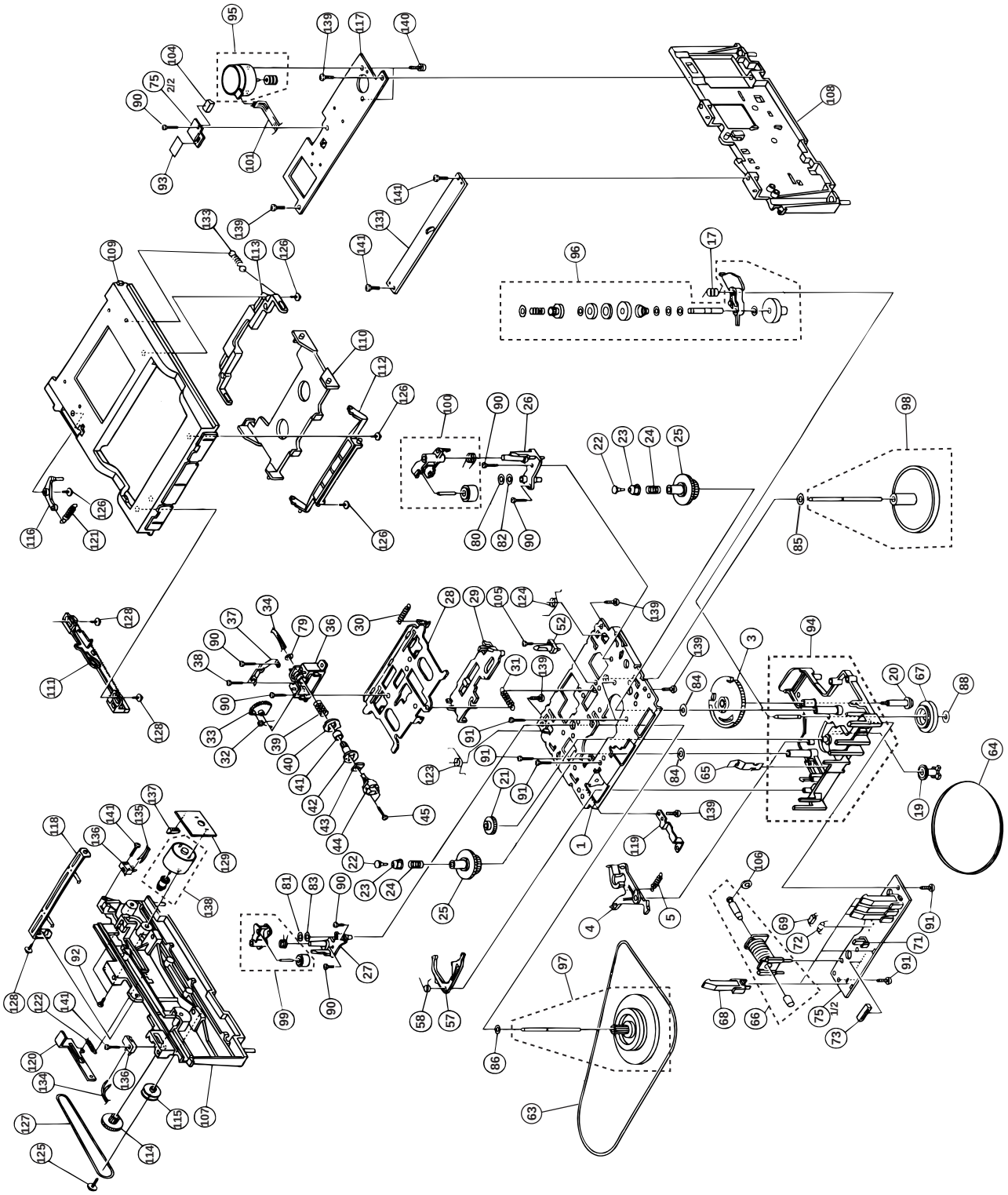
■Parts list (TD-UXG6 General assembly)

Block No. M5MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	LV10277-001A	FRONT PANEL	1		
	2	LV31438-002A	BUTTON	1	PLATING	
	3	LV31440-003A	BUTTON	1	PLATING	
	4	LV41325-001A	INDICATOR	1		
	5	LV31458-001A	FRONT PLATE	1		
	6	E406971-222	JVC MARK	1		
	7	LV41317-002A	LENS(A)	1		
	8	LV41318-002A	LENS(B)	1		
	9	LV41750-001A	LABEL	1		
	10	QYSBSF2608Z	T.SCREW	7	FOR SW PWB	
	11	E75896-002	FELT SPACER	2	FOR FOOT	
	12	QYSBST3006Z	T.SCREW	3	FOR F.PANE+B.CHASSIS	
	13	LV10274-001A	BOTTOM CHASSIS	1		
	14	----------	CASSETTE MECHA	1		
	15	LV20522-001A	FITTING	1		
	16	LV31459-002A	FITTING PLATE	1		
	17	QYSBST3006Z	T.SCREW	4	FOR CASS.MECHA	
	18	QYSBST3006Z	T.SCREW	4	CHASSIS.B+PWB	
	19	LV30064-058A	SPACER	1		
	20	E47227-029	FOOT	2		
	21	QYSBST3006Z	T.SCREW	2	FOR FOOT	
	22	LV10273-002A/S/	METAL COVER	1		
	24	QYSDSG3008N	T.SCREW	2	M.COVER+B.CHASSIS	
	25	QYSDSG3008N	T.SCREW	4	M.COVER+R.PANEL	
	26	LV20527-008A	REAR PANEL	1		UP
		LV20527-007A	REAR PANEL	1		U,UB
	27	QYSDSG3008N	T.SCREW	1		
	28	QQR1086-001	NOISE FILTER	1		
	29	E409257-001	GND TERMINAL	1	FOR EARTH	
	30	QYSDSG3008N	T.SCREW	2	FOR PWB BKT	
	31	WJN0028-001A	E-SH C WIRE C-C	1		
	32	QUQB12-1334AJ	FFC WIRE	1		
	33	QUQB12-1536AJ	FFC WIRE	1		
	34	WJS0016-001A	E-FL/RB WIRE	1	13 PIN SYSTEM WIRE	
	35	LV41786-001A	SPACER	1		
	36	LV41773-001A	SHEET	1		

Cassette mechanism assembly and parts list

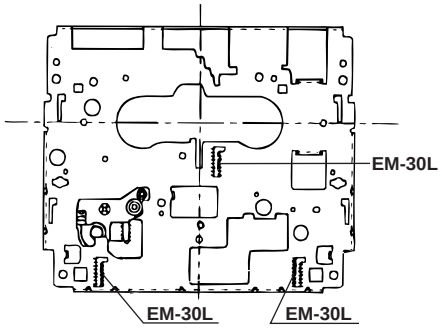
Block: No. M 6 M M



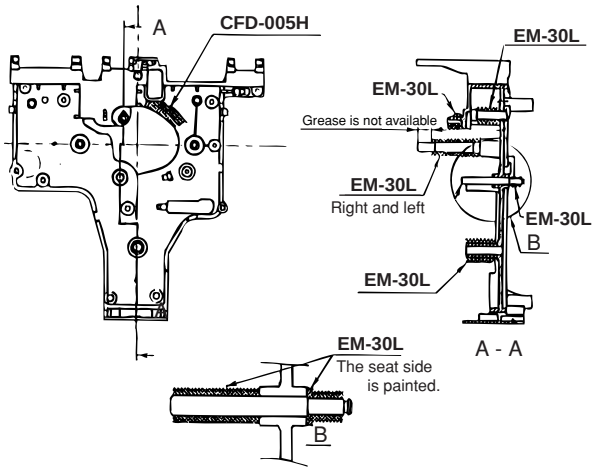
LE30642-002A

Grease point

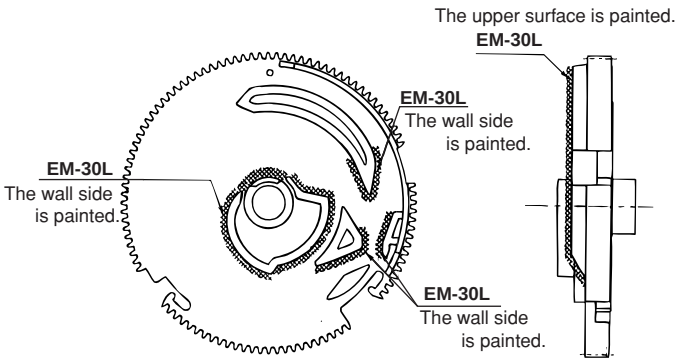
1. CHASSIS

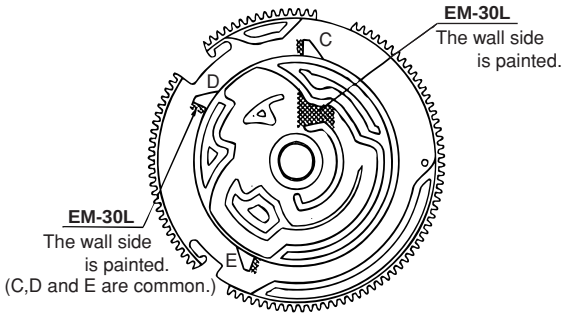


94. MECHA BASE(H)ASSY

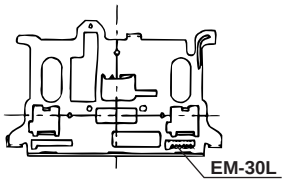


3. CAM GEAR

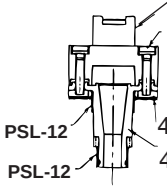




28. HEAD CHASSIS

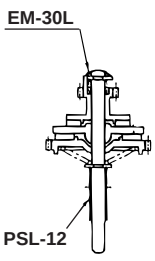


44. ROTATION HEAD(R/P)
45. HEAD SCREW

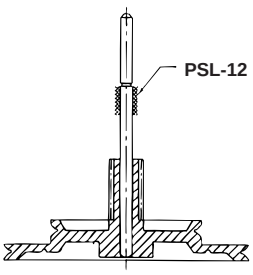


40. HEAD PLATE
42. ROTATOR

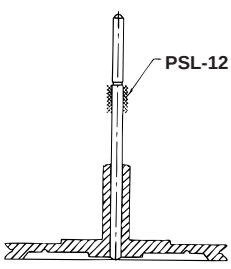
96. CLUTCH ARM ASSY



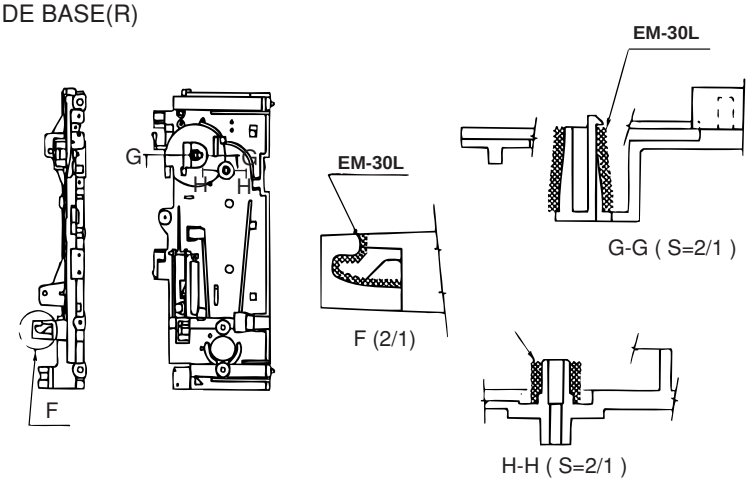
97. FLYWHEEL(RH)ASSY



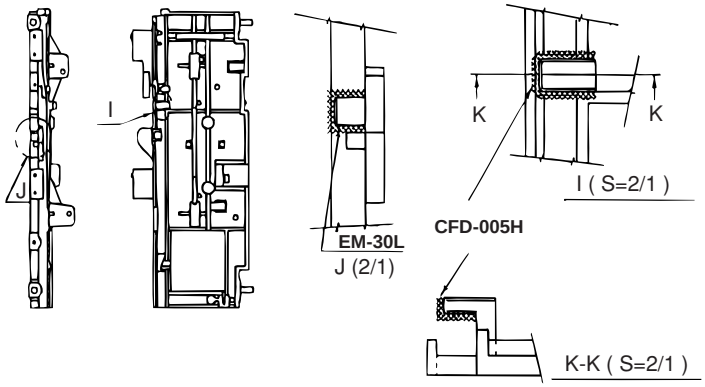
98. FLYWHEEL(LH)ASSY



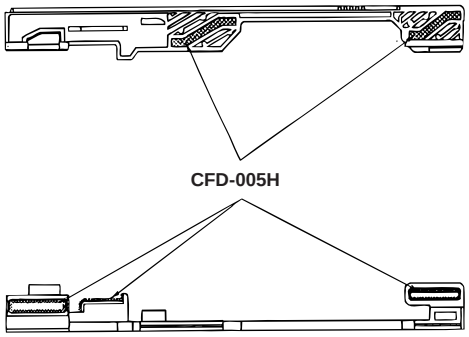
107. GUIDE BASE(R)



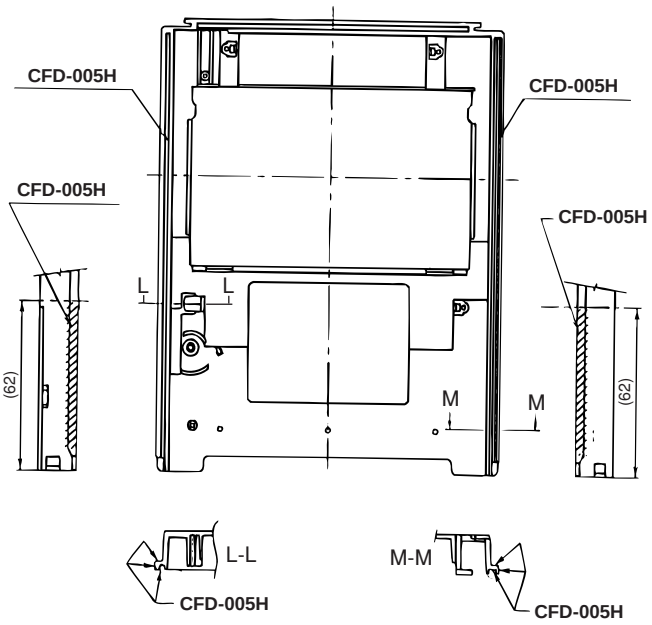
108. GUIDE BASE(L)



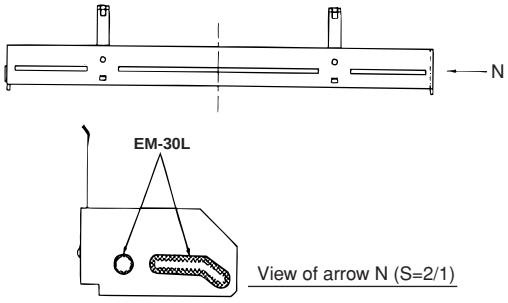
111. SLIDER



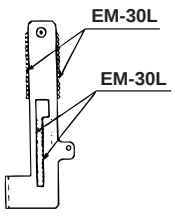
109. TRAY(A)



118. CLAMPER ASSY



120. CLAMPER ARM



■Parts list (Cassette mechanism)

Block No. M6MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	1	EGS-E5A1001	CHASSIS	1		
	3	EGS-E5A3002	CAM GEAR	1		
	4	EGS-E5B3004	TRIGGER ARM	1		
	5	EGS-E5D6006	SPRING	1	TRIGGER ARM	
	17	EGS-E5D6011	SPRING	1	CLUTCH ARM	
	19	EGS-E5D3024	IDLER GEAR	1	REW	
	20	EGS-E5D8002	CAM SCREW	1		
	21	EGS-E5D3030	IDLER GEAR	1	PLAY	
	22	EGS-E5D3062	REEL BUSH(D)	2		
	23	EGS-FC3037	REEL CAP(A)	2		
	24	EGS-MOD6015	B.T SPRING	2		
	25	EGS-E5D3031	REEL GEAR	2		
	26	EGS-E5C5001	HOUSING ASSY(L)	1		
	27	EGS-E5C5002	HOUSING ASSY(R)	1		
	28	EGS-E5B1002	HEAD CHASSIS	1		
	29	EGS-E5C3006	HEAD PLATE	1		
	30	EGS-E5D6003	HEAD SPRING	1		
	31	EGS-E5D6002	HEAD SPRING	1		
	32	EGS-E5D6018	SPRING(B)	1	RETURN GEAR	
	33	EGS-E5D3020	RETURN GEAR	1		
	34	EGS-E5D9009	HEAD WIRE(R/P)	1		
	36	EGS-E5B3003	HEAD BASE	1		
	37	EGS-E5D1004	AZIMUTH PLATE	1		
	38	EGS-MOD8005	AZIMUTH SCREW	2		
	39	EGS-E5D6005	EARTH SPRING	1		
	40	EGS-E5D1005	HEAD PLATE	1		
	41	EGS-E5D2004	ROTATOR COLLAR	1		
	42	EGS-E5C3061	ROTATOR	1		
	43	EGS-PD8011	HEAD WIRE CLAMP	1		
	44	EGS-92432230	ROTATION HEAD	1	R/P KC-9242	
	45	EGS-E5D8003	HEAD SCREW	2		
	52	EGS-E5D3023	CASSETTE GUIDE	1		
	57	EGS-E5C3007	BRAKE ARM	1		
	58	EGS-E5D6001	SPRING	1	BRAKE ARM	
	63	EGS-E5D4007	DRIVE BELT(H)	1		
	64	EGS-E5D4005	CLUTCH BELT(W)	1		
	65	EGS-FDS1037	PACK SPRING(N)	1		
	66	EGS-MOD9038	SOLENOID ASSY(H	1		
	67	EGS-E5D3029	PULLEY GEAR	1		
	68	EGS-MOC9036	REC SWITCH(B)	5		
	69	EGS-E5D9007	IC(PH.INTER.)	1		
	71	EGS-MOC9004	PLAY SWITCH	1		
	72	RD14BB2C222J	RESISTOR	1	2.2K	
	73	EGS-99415181	CONNECTOR	1	IMSA-9604S-15F	
	75	EGS-E5C9019	MECHA BOARD(H)	1		
	79	EGS-8341116108	POLY WASHER	1	4X7X0.4CUT	
	80	EGS-8340419002	NYLON WASHER	1	1.9X5X0.5	
	81	EGS-8340421023	NYLON WASHER	1	2.19X5.5X0.5	
	82	EGS-8341116591	POLY WASHER	1	1.57X5X0.5CUT	
	83	EGS-8341118065	POLY WASHER	1	1.8X6X0.5CUT	
	84	EGS-8340504111	TEFRON WASHER	2	4.1X5.5X0.25	

■Parts list (Cassette mechanism)

Block No. M6MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	85	EGS-8342121030	POLY WASHER	1	2.1X5X0.25	
	86	EGS-8342123076	POLY WASHER	1	2.3X4X0.25	
	88	EGS-8341115998	POLY WASHER	1	1.57X4X0.5 CUT	
	90	EGS-8113112005	TAPPING SCREW	7	M2X5	
	91	EGS-8114512006	TAPPING SCREW	6	M2X6	
	92	EGS-8115512604	SCREW	2	M2.6X4	
	93	EGS-96901033	FILAMENT TAPE	1		
	94	EGS-E5D3055	MECHA BASE(H)AS	1		
	95	EGS-E5D9025	MOTOR ASSY(H)	1		
	96	EGS-E5C3032	CLUCH ASSY	1		
	97	EGS-E5D5007	FLYWHEEL ASSY	1	RH-A	
	98	EGS-E5D5009	FLYWHEEL ASSY	1	LH-A	
	99	EGS-E5D3035	PINCH ROLLER(R)	1		
	100	EGS-E5D3034	PINCH ROLLER(L)	1		
	101	EGS-E5D9022	MOTOR WIRE(H)	1		
	104	EGS-99054172	CONNECTOR	1	S6B-PH	
	105	EGS-8113112004	SCREW	1	M2X4	
	106	EGS-8341140008	POLY WASHER	1	4X1.57X0.13CUT	
	107	EGS-E5A3041	GUIDE BASE(R)	1		
	108	EGS-E5A3042	GUIDE BASE(L)	1		
	109	EGS-E5A3043	TRAY(A)	1		
	110	EGS-E5B3044	TRAY(B)	1		
	111	EGS-E5B3045	SLIDER	1		
	112	EGS-E5C3048	LINK(A)	1		
	113	EGS-E5C3047	LINK(B)	1		
	114	EGS-E5D3050	GEAR(A)	1		
	115	EGS-E5D3051	PULLY GEAR	1		
	116	EGS-E5D3052	STOPPER	1		
	117	EGS-E5C1009	MOTOR HOLDER	1		
	118	EGS-E5C1014	CLAMPER ASSY	1		
	119	EGS-E5D1012	EARTH PLATE	1		
	120	EGS-E5D1010	CLAMPER ARM	1		
	121	EGS-E5D6019	STOPPER SPRING	1		
	122	EGS-E5D6020	SPRING	1	CLAMPER ARM	
	123	EGS-E5D6021	P.RETURN SPRING	1	R	
	124	EGS-E5D6022	P.RETURN SPRING	1	L	
	125	EGS-C3D8010	SCREW(F)	1		
	126	EGS-E1D8012	SCREW(A2)	4		
	127	EGS-E5D4008	BELT(LD)	1		
	128	EGS-E5D8011	SCREW(H)	3		
	129	EGS-E5D9020	PCB(LD)	1		
	131	EGS-E5D1013	GUIDE BASE	1		
	133	EGS-E5D6023	LINK SPRING	1		
	134	EGS-E5D9023	WIRE	1	OPEN	
	135	EGS-E5D9024	WIRE	1	CLOSE	
	136	EGS-94081105	SWITCH	2	MPU10420MLB0	
	137	EGS-99054175	CONNECTOR	1	S5B-PH	
	138	EGS-E5D9026	MOTOR ASSY	1	LD	
	139	EGS-8114512606	SCREW	6	M2.6X6	
	140	EGS-8115712635	SCREW	2	M2.6X3.5	
	141	EGS-8114512008	SCREW	4	M2X8	

■Electrical parts list (Main board) Block No. 05

⚠	Item	Parts number	Parts name	Remarks	Area
	CN632	QGB2510J1-10	CONNECTOR	TO DOLBY PWB	
	CN633	EMV7141-013M	SOCKET ASSY	TO TX	
	CN634	QGB2510J1-15	CONNECTOR	TO CAPS MOTOR	
	CN635	QGA2001C1-07	7P PLUG ASSY	FOR HEAD WIRE	
	CN636	QGB2510J1-06	CONNECTOR	TO DOLBY	
	CN637	QGF1205C1-13	CONNECTOR	TO DOLBY	
	CN641	QGA2501F1-03	CONNECTOR	DOLBY TEST POIN	
	CN642	QGB2510K2-10	CONNECTOR	TO MAIN PWB	
	CN644	QGB2510K2-15	CONNECTOR	TO UCOM PWB	
	CN646	QGB2510K2-06	CONNECTOR	TO MAIN PWB	
	CN647	QGF1205C1-15	CONNECTOR	TO MECHA MOTOR	
	CN667	QGF1205F1-13	CONNECTOR	TO UCOM PWB	
	C6101	QETC1HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C6102	QCB31HK-122Z	C CAPACITOR	1200PF 10% 50V	
	C6103	QCF11HZ-473	C CAPACITOR	.047MF +80:-20%	
	C6104	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C6105	QFLC1HJ-153Z	M CAPACITOR	.015MF 5% 50V	
	C6106	QFLC1HJ-223Z	M CAPACITOR	.022MF 5% 50V	
	C6107	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6108	QETC1HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C6109	QCBB1HK-271Y	C CAPACITOR	270PF 10% 50V	
	C6110	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C6111	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6112	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C6113	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6121	QTE1H28-225Z	E CAPACITOR		
	C6122	QCBB1HK-820Y	C CAPACITOR	82PF 10% 50V	
	C6123	QFLC1HJ-822Z	M CAPACITOR	8200PF 5% 50V	
	C6124	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C6131	QFLC1HJ-821Z	M.CAPACITOR	820PF 5% 50V	
	C6132	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C6171	QETC1HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C6172	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6173	QETC1HM-474Z	E CAPACITOR	.47MF 20% 50V	
	C6174	QFLC1HJ-154Z	M.CAPACITOR	.15MF 5% 50V	
	C6175	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6176	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C6182	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6201	QETC1HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C6202	QCB31HK-122Z	C CAPACITOR	1200PF 10% 50V	
	C6203	QCF11HZ-473	C CAPACITOR	.047MF +80:-20%	
	C6204	QCS11HJ-470	C CAPACITOR	47PF 5% 50V	
	C6205	QFLC1HJ-153Z	M CAPACITOR	.015MF 5% 50V	
	C6206	QFLC1HJ-223Z	M CAPACITOR	.022MF 5% 50V	
	C6207	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6208	QETC1HM-225Z	E CAPACITOR	2.2MF 20% 50V	
	C6209	QCBB1HK-271Y	C CAPACITOR	270PF 10% 50V	
	C6210	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C6211	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6212	QCBB1HK-101Y	C CAPACITOR	100PF 10% 50V	
	C6213	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6221	QTE1H28-225Z	E CAPACITOR		
	C6222	QCBB1HK-820Y	C CAPACITOR	82PF 10% 50V	
	C6223	QFLC1HJ-822Z	M CAPACITOR	8200PF 5% 50V	
	C6224	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C6231	QFLC1HJ-821Z	M.CAPACITOR	820PF 5% 50V	
	C6232	QCBB1HK-331Y	C CAPACITOR	330PF 10% 50V	
	C6271	QETC1HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C6272	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6273	QETC1HM-474Z	E CAPACITOR	.47MF 20% 50V	
	C6274	QFLC1HJ-154Z	M.CAPACITOR	.15MF 5% 50V	
	C6275	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6276	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	

⚠	Item	Parts number	Parts name	Remarks	Area
	C6282	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C6301	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C6302	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C6303	QDGB1HK-102Y	C CAPACITOR		
	C6304	QFN31HJ-473Z	M CAPACITOR	.047MF 5% 50V	
	C6321	QETC1EM-107Z-JB	E CAPACITOR	100MF 20% 25V	
	C6322	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C6331	QETC1CM-107Z	E CAPACITOR	100MF 20% 16V	
	C6341	QDVB1EZ-223Y	C CAPACITOR		
	C6342	QDVB1EZ-223Y	C CAPACITOR		
	C6343	QETC1HM-104Z	E CAPACITOR	.10MF 20% 50V	
	C6344	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6351	QFP32AJ-682Z	PP CAPACITOR	6800PF 5% 100V	
	C6353	QFLC1HJ-103Z	M CAPACITOR	.010MF 5% 50V	
	C6354	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6355	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C6356	QFLC1HJ-682Z	M CAPACITOR	6800PF 5% 50V	
	C6357	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C6358	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C6359	QETC1EM-106Z	E CAPACITOR	10MF 20% 25V	
	C6360	QETC1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C6371	QCF31HZ-223Z	C CAPACITOR	.022MF +80:-20%	
	C6372	QETC1CM-476Z	E CAPACITOR	47MF 20% 16V	
	C6373	QDGB1HK-102Y	C CAPACITOR		
	C6374	QETC1CM-226Z	E CAPACITOR	22MF 20% 16V	
	C6375	QETC1CM-106Z	E CAPACITOR	10MF 20% 16V	
	C6377	QETC1CM-106Z	E CAPACITOR	10MF 20% 16V	
	C6378	QFN31HJ-224Z	M.CAPACITOR	.22MF 5% 50V	
	C6379	QFN31HJ-224Z	M.CAPACITOR	.22MF 5% 50V	
	C6380	QETC1CM-227Z	E CAPACITOR	220MF 20% 16V	
	C6601	QDGB1HK-102Y	C CAPACITOR		
	C6602	QDGB1HK-102Y	C CAPACITOR		
	C6703	QCZ0202-155Z	ML C CAPACITOR	1.5MF	
	C6704	QETC1AM-107Z-JB	E CAPACITOR	100MF 20% 10V	
	C6705	QETC1AM-107Z	E CAPACITOR	100MF 20% 10V	
	C6706	QDVB1EZ-223Y	C CAPACITOR		
	C6707	QDGB1HK-102Y	C CAPACITOR		
	C6708	QDGB1HK-102Y	C CAPACITOR		
	C6709	QDGB1HK-102Y	C CAPACITOR		
	C6710	QDGB1HK-102Y	C CAPACITOR		
	C6711	QDGB1HK-102Y	C CAPACITOR		
	C6712	QDGB1HK-102Y	C CAPACITOR		
	C6733	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C6734	QFLC1HJ-103Z	M CAPACITOR	.010MF 5% 50V	
	C6735	QDVB1EZ-223Y	C CAPACITOR		
	C6736	QETC1CM-107Z-JB	E CAPACITOR	100MF 20% 16V	
	D6351	1SS133-T2	SI DIODE		
	D6371	1SS133-T2	SI DIODE		
	D6601	SLR-342DC-T	LED	DOLBY ORENG	
	D6602	SLR-342DC-T	LED	REVERSE ORENG	
	D6603	SLR-342DC-T	LED	FWD ORENG	
	D6604	SLR-342DC-T	LED	REV ORENG	
	D6605	SLR-342VC-T	LED	REC RED	
	D6606	SELU1E10CXM	LED	BLUE	
	D6607	MTZJ10C-T2	Z.DIODE		
	D6608	1SS133-T2	SI DIODE		
	D6609	1SS133-T2	SI DIODE		
	D6610	1SS133-T2	SI DIODE		
	D6702	1SS133-T2	SI DIODE		
	D6703	1SS133-T2	SI DIODE		
	D6704	1SS133-T2	SI DIODE		
	D6705	1SS133-T2	SI DIODE		
	D6711	1SS133-T2	SI DIODE		

■Electrical parts list (Main board) Block No. 05

⚠	Item	Parts number	Parts name	Remarks	Area
	D6712	1SS133-T2	SI DIODE		
	D6731	MTZJ6.2B-T2	ZENER DIODE		
	D6732	11E2-T5	DIODE		
	EP601	QNZ0136-001Z	EARTH PLATE		
	EP602	E409182-001SM	GRAND TERMINAL		
	EP603	E409182-001SM	GRAND TERMINAL		
	EP604	QNZ0136-001Z	EARTH PLATE		
	IC631	NJM4580L	IC		
	IC632	UPC1228HA	IC		
	IC633	UPC1330HA	IC		
	IC634	BA8221AN	IC		
	IC635	HA12136A	IC		
	IC671	MN171601ADL	IC		
	IC673	LB1641	IC		
	IC675	MN1381/PQ/-T	IC		
	L6101	QQL30BJ-562Z	INDUCTOR		
	L6102	QQL30BJ-223Z	INDUCTOR		
	L6201	QQL30BJ-562Z	INDUCTOR		
	L6202	QQL30BJ-223Z	INDUCTOR		
	L6351	QQR0588-001	OSC COIL		
	L6711	QQL231K-1R0Y	INDUCTOR		
	L6712	QQL01BK-100Z	INDUCTOR		
	Q6101	KRC114M-T	TRANSISTOR		
	Q6121	2SK301/PQ/-T	TRANSISTOR(FET)		
	Q6171	2SC3576-JVC-T	TRANSISTOR		
	Q6172	2SC3576-JVC-T	TRANSISTOR		
	Q6173	2SC3576-JVC-T	TRANSISTOR		
	Q6201	KRC114M-T	TRANSISTOR		
	Q6221	2SK301/PQ/-T	TRANSISTOR(FET)		
	Q6271	2SC3576-JVC-T	TRANSISTOR		
	Q6272	2SC3576-JVC-T	TRANSISTOR		
	Q6273	2SC3576-JVC-T	TRANSISTOR		
	Q6341	2SC2785/FE/-T	TRANSISTOR		
	Q6342	2SC2785/FE/-T	TRANSISTOR		
	Q6351	2SC3576-JVC-T	TRANSISTOR		
	Q6352	2SC3576-JVC-T	TRANSISTOR		
	Q6353	2SC1740S/RS/-T	TRANSISTOR		
	Q6354	2SC1740S/RS/-T	TRANSISTOR		
	Q6371	KRA107M-T	D.TRANSISTOR		
	Q6731	2SC2001/LK/-T	TRANSISTOR		
	Q6732	2SC2785/FE/-T	TRANSISTOR		
	Q6733	2SD400MP/EF/-T	TRANSISTOR		
	Q6734	KRA104M-T	D.TRANSISTOR	PHOTO DTC	
	Q6735	2SC2785/FE/-T	TRANSISTOR	PHOTO DTC	
	R6101	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6102	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R6103	QRE141J-333Y	C RESISTOR	33K 5% 1/4W	
	R6104	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6105	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R6106	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6107	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R6108	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R6109	QRE141J-683Y	C RESISTOR	68K 5% 1/4W	
	R6110	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6121	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
	R6122	QRE141J-912Y	C RESISTOR	9.1K 5% 1/4W	
	R6123	QRE141J-334Y	C RESISTOR	330K 5% 1/4W	
	R6124	QRE141J-271Y	C RESISTOR	270 5% 1/4W	
	R6125	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R6126	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R6127	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6131	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R6171	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	

⚠	Item	Parts number	Parts name	Remarks	Area
	R6172	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R6173	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6174	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6175	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6176	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R6177	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6178	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R6179	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R6201	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6202	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R6203	QRE141J-333Y	C RESISTOR	33K 5% 1/4W	
	R6204	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6205	QRE141J-182Y	C RESISTOR	1.8K 5% 1/4W	
	R6206	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6207	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R6208	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R6209	QRE141J-683Y	C RESISTOR	68K 5% 1/4W	
	R6210	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6221	QRE141J-622Y	C RESISTOR	6.2K 5% 1/4W	
	R6222	QRE141J-912Y	C RESISTOR	9.1K 5% 1/4W	
	R6223	QRE141J-334Y	C RESISTOR	330K 5% 1/4W	
	R6224	QRE141J-271Y	C RESISTOR	270 5% 1/4W	
	R6225	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R6226	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R6227	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6231	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R6271	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R6272	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R6273	QRE141J-153Y	C RESISTOR	15K 5% 1/4W	
	R6274	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6275	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6276	QRE141J-223Y	C RESISTOR	PB OUT 300MV	
	R6277	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6278	QRE141J-123Y	C RESISTOR	12K 5% 1/4W	
	R6279	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R6301	QRE141J-181Y	C RESISTOR	180 5% 1/4W	
	R6302	QRE141J-181Y	C RESISTOR	180 5% 1/4W	
	R6321	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R6322	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6331	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R6341	QRE141J-472Y	C RESISTOR	4.7K 5% 1/4W	
	R6342	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R6343	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R6344	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6345	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R6346	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6347	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R6351	QRJ146J-100X	UNF.C RESISTOR	10 5% 1/4W	
	R6352	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R6353	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6354	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R6355	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R6356	QRE141J-511Y	C RESISTOR	510 5% 1/4W	
	R6357	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R6358	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6359	QRJ146J-6R8X	UNF C.RESISTOR	6.8 5% 1/4W	
	R6360	QRE141J-563Y	C RESISTOR	56K 5% 1/4W	
	R6361	QRE141J-563Y	C RESISTOR	56K 5% 1/4W	
	R6363	QRJ146J-100X	UNF.C RESISTOR	10 5% 1/4W	
	R6367	QRE141J-474Y	C RESISTOR	470K 5% 1/4W	
	R6371	QRE141J-224Y	C RESISTOR	220K 5% 1/4W	
	R6372	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6373	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	

■Electrical parts list (Main board) Block No. 05

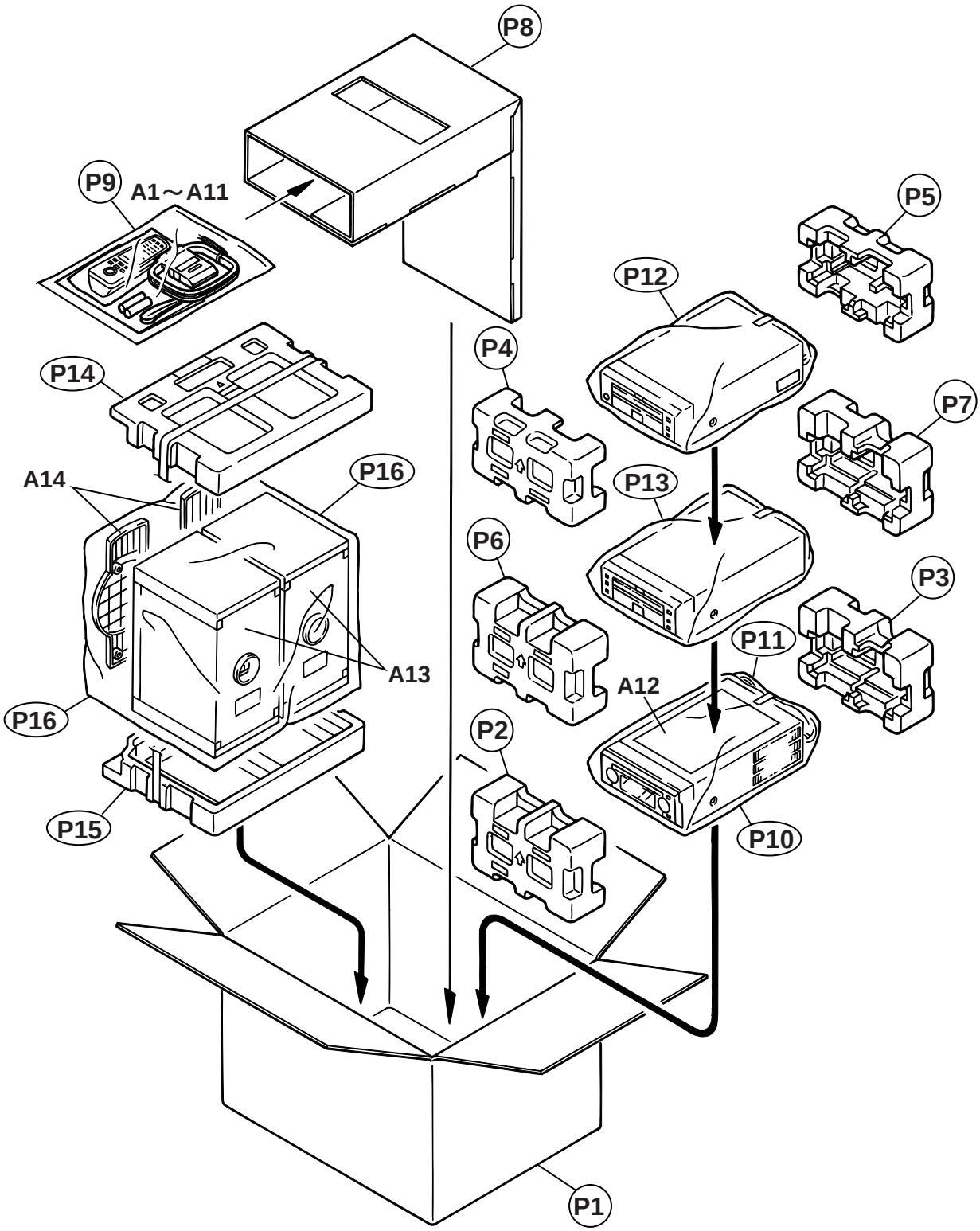
⚠	Item	Parts number	Parts name	Remarks	Area
	R6374	QRZ9005-220X	F.RESISTOR	22 1/0W	
	R6376	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6601	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6602	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R6603	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R6604	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R6605	QRE141J-161Y	C RESISTOR	160 5% 1/4W	
	R6606	QRE141J-151Y	C RESISTOR	150 5% 1/4W	
	R6607	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6608	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6609	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6610	QRE141J-111Y	C RESISTOR	110 5% 1/4W	
	R6611	QRE141J-111Y	C RESISTOR	110 5% 1/4W	
	R6701	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6702	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6703	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6704	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6705	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6706	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6707	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6708	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6709	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6710	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6711	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6712	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R6714	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R6715	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6716	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R6730	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R6731	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6732	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R6733	QRE141J-122Y	C RESISTOR	1.2K 5% 1/4W	
	R6734	QRE141J-334Y	C RESISTOR	330K 5% 1/4W	
	R6735	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R6736	QRE141J-152Y	C RESISTOR	1.5K 5% 1/4W	
	R6737	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R6738	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R6739	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R6740	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R6741	QRJ146J-1R0X	UNF C.RESISTOR	1.0 5% 1/4W	
	R6742	QRL01DJ-220X	OMF RESISTOR	22 5% 1/1W	
	R6743	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R6744	QRL01DJ-220X	OMF RESISTOR	22 5% 1/1W	
	R6745	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	SS601	LV41684-001A	SPRING		
	SS602	LV41684-001A	SPRING		
	S6601	QSW0674-001Z	TACT SWITCH		
	S6602	QSW0674-001Z	TACT SWITCH		
	S6603	QSW0674-001Z	TACT SWITCH		
	S6604	QSW0674-001Z	TACT SWITCH		
	S6605	QSW0674-001Z	TACT SWITCH		
	S6606	QSW0674-001Z	TACT SWITCH		
	TP631	QNZ0104-001	POST PIN		
	TP632	QNZ0104-001	POST PIN		
	VR611	QVP0004-501Z	SEMI.V.RESISTOR	H TYPE	
	VR612	QVP0004-104Z	SEMI.V.RESISTOR	H TYPE	
	VR613	QVP0004-104Z	SEMI.V.RESISTOR	H TYPE	
	VR614	QVP0008-503Z	SEMI.V.RESISTOR	V TYPE	
	VR621	QVP0004-501Z	SEMI.V.RESISTOR	H TYPE	
	VR622	QVP0004-104Z	SEMI.V.RESISTOR	H TYPE	
	VR623	QVP0004-104Z	SEMI.V.RESISTOR	H TYPE	
	VR624	QVP0008-503Z	SEMI.V.RESISTOR	V TYPE	
	VR671	QVP0008-102Z	SEMI.V.RESISTOR	V TYPE	

⚠	Item	Parts number	Parts name	Remarks	Area
	W 648	QJK016-051600	SIN CR C-B WIRE		
	X6701	QAX0247-001Z	RESONATOR		

Packing materials and accessories parts list

Block: No. M 7 M M

Block: No. M 8 M M



■Packing parts list

Block No. M7MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	P 1	LV31463-008A	PACKING CASE	1		
	P 2	LV20535-001A	PACKING PAD	1	FRONT(FOR AX)	
	P 3	LV20535-002A	PACKING PAD	1	REAR (FOR AX)	
	P 4	LV20639-001A	PACKING PAD	1	FRONT(FOR XT)	
	P 5	LV20639-002A	PACKING PAD	1	REAR (FOR XT)	
	P 6	LV20535-001A	PACKING PAD	1	FRONT(FOR TD)	
	P 7	LV20535-002A	PACKING PAD	1	REAR (FOR TD)	
	P 8	LV31979-001A	SPACER	1		
	P 9	QPC02503510P	POLY BAG	1		
	P 10	LV30246-006A	POLY BAG	1	RED(FOR AX)	
	P 11	QPA01001505	POLY BAG	1		UB
	P 12	LV30246-007A	POLY BAG	1	ORANGE(FOR XT)	
	P 13	LV30246-008A	POLY BAG	1	YELLOW(FOR TD)	
	P 14	8000041101	SPEAKER CUSHION	1	TOP	
	P 15	8000041111	SPEAKER CUSHION	1	BOTTOM	
	P 16	8500028981	POLY BAG	2	SPEAKER	

■Accessories list

Block No. M8MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	A 1	LVT0377-003A	INST BOOK	1	KOR	UP
		LVT0377-001A	INST BOOK	1	ENG,CHI,SPA	U,UB
	A 2	EWPZ01-012	GND WIRE	1		
	A 3	VMP0133-001	SPK.CORD(2PCS)	1		
	A 4	RM-SUXG6E	REMOCON	1		
	A 5	----------	BATTERY	1		
	A 6	EWP503-001C	ANT.WIRE	1		
	A 7	QAL0014-001	AM LOOP ANT	1		
	A 8	QAM0060-001	SIEMENS PLUG	1		U
	A 9	LV30258-066A	UB SHEET	1		
	A 11	BT-56004-6	W.CARD	1		
	A 12	E43486-696A	CATION SHEET	1		
	A 13	UXG6R-SPBOX	SPEAKER BOXASSY	2		
	A 14	LV10294-001A	SPEAKER NET	2		

JVC

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